[Non-patent Document 15] Nature (1985) 314 (6012), 628-31
[Non-patent Document 16] Int J Cancer (1988) 41 (4), 609-15.
[Non-patent Document 17] Proc Natl Acad Sci USA (1986) 83 (5), 1453-7
[Non-patent Document 18] Cancer Treat Rev. (2010) Oct 36(6), 458-67
[Non-patent Document 19] Future Oncol. (2012) Jan 8(1), 73-85
[Non-patent Document 20] Cancer Immunol Immunother. (2007) 56(9), 1397-406
[Non-patent Document 21] Cancer Immunol Immunother. (2007) 56 (10), 1637-44
[Non-patent Document 22] Cancer Immunol Immunother. (2006) 55(5), 503-14
[Non-patent Document 23] Cancer Immunol Immunother. (2009) 58(1), 95-109
[Non-patent Document 24] Protein Engineering. (1996) vol.9, p.617-621
[Non-patent Document 25] Nature Biotechnology. (1998) vol.16, p.677-681

Summary of the Invention

[Problems to be Solved by the Invention]

The present invention was achieved in view of the above circumstances. An objective of the present invention is to provide multispecific antigen-binding molecules that bring T cells close to the target cancer cells, and can treat cancer through the cytotoxic activity of T cells against target cancer tissues containing glypican 3-expressing cells, and are molecular forms that can be produced with high efficiency; methods for producing the antigen-binding molecules; and pharmaceutical compositions comprising the antigen-binding molecules as active ingredient.

[Means for Solving the Problems]

The present inventors discovered an L chain common to a domain comprising a glypican 3-binding antibody variable region, and a domain comprising a T-cell receptor complex-binding antibody variable region, where the common L chain is capable of improving affinity to both antigens. This allows preparation of molecular forms that can be produced with high efficiency, and further discovery of novel multispecific antigen-binding molecules that maintain the strong antitumor activity possessed by T-cell redirecting antibodies such as BiTE and the excellent safety property of not inducing a cytokine storm in a cancer antigen-dependent manner, and also have long half-lives in blood. Furthermore, the present inventors discovered that the multispecific antigen-binding molecules comprising common L chains target glypican 3-expressing cancer cells and cause cell injury. Based on this discovery, the present inventors elucidated that the multispecific antigen-binding molecules of the present invention cause injury to cancer tissues containing glypican 3-expressing cancer cells.

In one aspect, the present invention refers to a bispecific antibody of any one of (h1) to (h6) below:

(h1) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 211 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 142 and a constant region having the amino acid sequence of SEQ ID NO: 60; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 223;

(h2) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 206 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 142 and a constant region having the amino acid sequence of SEQ ID NO: 60; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 223;

(h3) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 206 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 164 and a constant region having the amino acid sequence of SEQ ID NO: 60; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 223;

(h4) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 206 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 168 and a constant region having the amino acid sequence of SEQ ID NO: 60; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 223;

(h5) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 206 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 168 and a constant region having the amino acid sequence of SEQ ID NO: 62; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 223; and

(h6) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 211 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 164 and a constant region having the amino acid sequence of SEQ ID NO: 60; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 223.

In another aspect, the present invention refers to a pharmaceutical composition comprising the bispecific antibody of the present invention and a pharmaceutically acceptable carrier.

In still another aspect, the present invention refers to a bispecific antibody, wherein an antibody variable region having glypican 3-binding activity, an antibody variable region having T-cell receptor complex-binding activity, and a common L chain variable region of the bispecific antibody are antibody variable regions comprising any combination of H-chain CDR1, CDR2, and CDR3 and L-chain CDR1, CDR2, and CDR3 selected from (a1) to (a5) below:

(a1) H-chain CDR1, CDR2, and CDR3 comprised in the antibody variable region having glypican 3-binding activity which are identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 206; H-chain CDR1, CDR2, and CDR3 comprised in the antibody variable region having T-cell receptor complex-binding activity which are identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 142; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of the common L chain which are identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 223;

(a2) H-chain CDR1, CDR2, and CDR3 comprised in the antibody variable region having glypican 3-binding activity which are identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 206; H-chain CDR1, CDR2, and CDR3 comprised in the antibody variable region having T-cell receptor complex-binding activity which are identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 164; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of the common L chain which are identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 223;

(a3) H-chain CDR1, CDR2, and CDR3 comprised in the antibody variable region having glypican 3-binding activity which are identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 206; H-chain CDR1, CDR2, and CDR3 comprised in the antibody variable region having T-cell receptor complex-binding activity which are identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 168; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of the

common L chain which are identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 223;

(a4) H-chain CDR1, CDR2, and CDR3 comprised in the antibody variable region having glypican 3-binding activity which are identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 211; H-chain CDR1, CDR2, and CDR3 comprised in the antibody variable region having T-cell receptor complex-binding activity which are identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 142; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of the common L chain which are identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 223;

(a5) H-chain CDR1, CDR2, and CDR3 comprised in the antibody variable region having glypican 3-binding activity which are identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 211; H-chain CDR1, CDR2, and CDR3 comprised in the antibody variable region having T-cell receptor complex-binding activity which are identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 164; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of the common L chain which are identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 223.

In one aspect, the present invention refers to a nucleic acid that encodes the bispecific antibody of the present invention.

In another aspect, the present invention refers to a vector into which the nucleic acid of the present invention is introduced.

In still another aspect, the present invention refers to a cell comprising the vector of the present invention.

In one aspect, the present invention refers to a method for producing the bispecific antibody of the present invention by culturing the cell of the present invention.

In another aspect, the present invention refers to a bispecific antibody produced by the method of the present invention.

In still another aspect, the present invention refers to a pharmaceutical composition comprising the bispecific antibody of the present invention, and a pharmaceutically acceptable carrier.

~~More specifically, t~~The present ~~invention~~disclosure also provides the following:

[1] A multispecific antigen-binding molecule that comprises:

(h24) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 211 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 164 and a constant region having the amino acid sequence of SEQ ID NO: 60 or 62; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 223; and

(h25) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 211 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 168 and a constant region having the amino acid sequence of SEQ ID NO: 60 or 62; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 223.

[23] A nucleic acid that encodes the multispecific antigen-binding molecule of any one of [1] to [20] or the bispecific antibody of [21] or [22].

[24] A vector into which the nucleic acid of [23] is introduced.

[25] A cell comprising the nucleic acid of [23] or the vector of [24].

[26] A method for producing the multispecific antigen-binding molecule of any one of [1] to [20] or the bispecific antibody of [21] or [22] by culturing the cell of [25].

[27] A multispecific antigen-binding molecule or a bispecific antibody produced by the method of [26].

[28] A pharmaceutical composition comprising the multispecific antigen-binding molecule of any one of [1] to [20] or the bispecific antibody of [21] or [22], and a pharmaceutically acceptable carrier.

[29] The pharmaceutical composition of [28], which induces cytotoxicity.

[30] The pharmaceutical composition of [29], wherein the cytotoxicity is T-cell-dependent cytotoxicity.

[31] The pharmaceutical composition of [28], which is for administration to a patient in need of the multispecific antigen-binding molecule of any one of [1] to [20] or the bispecific antibody of [21] or [22].

Furthermore, the present ~~invention~~disclosure relates to a kit to be used in a method ~~of the present invention~~disclosed herein, wherein the kit comprises a multispecific antigen-binding molecule ~~of the present invention~~as described herein, or a multispecific antigen-binding molecule produced by the production method ~~of the present invention~~as described herein. The present ~~invention~~disclosure also relates to use of a multispecific antigen-binding

molecule of the present ~~invention~~disclosure, or use of a multispecific antigen-binding molecule produced by the production method of the present ~~invention~~disclosure in the manufacture of a pharmaceutical composition for activating cytotoxic activity. The present ~~invention~~disclosure additionally relates to a multispecific antigen-binding molecule ~~of the present invention~~as described herein, or a multispecific antigen-binding molecule produced by the production method ~~of the present invention~~as described herein to be used in a method of the present ~~invention~~disclosure. Herein, multispecific antigen-binding molecules include bispecific antibodies ~~of the present invention~~as described herein.

Furthermore, the present ~~invention~~disclosure relates to a multispecific antigen-binding molecule comprising the following domains:

(1) a domain comprising an antibody variable region having glypican 3-binding activity;

(2) a domain comprising an antibody variable region having T-cell receptor complex-binding activity;

wherein the L-chain variable regions contained in the variable regions of (1) and (2) have a commonly shared amino acid sequence. The present ~~invention~~disclosure also relates to the domain of (1), which is more specifically a domain that comprises antibody heavy-chain and/or light-chain variable regions having glypican 3-binding activity, and which is comprised in the multispecific antigen-binding molecule. The present ~~invention~~disclosure additionally relates to the domain of (2), which is more specifically a domain that comprises an antibody variable region having T-cell receptor complex-binding activity, and which is comprised in the multispecific antigen-binding molecule. Details of the domains of (1) and (2) may include those described in [1] to [22] mentioned above. The multispecific antigen-binding molecule may be a bispecific antibody. Furthermore, the multispecific antigen-binding molecule may further comprise a domain comprising an Fc region, and the Fc region may have a reduced Fcγ receptor-binding activity. Details of the domain comprising an Fc region may include those described in [1] to [22] mentioned above. The present ~~invention~~disclosure relates to a nucleic acid encoding the multispecific antigen-binding molecule or the domains, a vector introduced with the nucleic acid, a cell comprising the nucleic acid or the vector, a method for producing the multispecific antigen-binding molecule by culturing the cells, and a multispecific antigen-binding molecule or domains comprising an antibody variable region having glypican 3-binding activity or T-cell receptor complex-binding activity produced by the method. Furthermore, the present ~~invention~~disclosure relates to a pharmaceutical composition comprising the multispecific antigen-binding molecule and a pharmaceutically acceptable carrier. The pharmaceutical composition may induce cell injury, the cell injury may be T-cell-dependent cellular cytotoxicity, and the composition may be for administration to a patient in need of the multispecific antigen-binding molecule.

The present ~~invention~~disclosure also provides a multispecific antigen-binding molecule that binds to epitopes overlapping and/or competing with epitopes on each of glypican 3 and T-cell

CLAIMS

1. A bispecific antibody of any one of (h1) to (h6) below:

(h1) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 211 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 142 and a constant region having the amino acid sequence of SEQ ID NO: 60; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 223;

(h2) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 206 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 142 and a constant region having the amino acid sequence of SEQ ID NO: 60; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 223;

(h3) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 206 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 164 and a constant region having the amino acid sequence of SEQ ID NO: 60; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 223;

(h4) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 206 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 168 and a constant region having the amino acid sequence of SEQ ID NO: 60; and a common antibody L chain having the amino acid

sequence of SEQ ID NO: 223;

(h5) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 206 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 168 and a constant region having the amino acid sequence of SEQ ID NO: 62; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 223; and

(h6) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 211 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 164 and a constant region having the amino acid sequence of SEQ ID NO: 60; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 223.

2. The bispecific antibody of claim 1, further comprising a common L chain constant region having the amino acid sequence of SEQ ID NO: 63.

3. A pharmaceutical composition comprising the bispecific antibody of claim 1 or 2 and a pharmaceutically acceptable carrier.

4. A bispecific antibody, wherein an antibody variable region having glypican 3-binding activity, an antibody variable region having T-cell receptor complex-binding activity, and a common L chain variable region of the bispecific antibody are antibody variable regions comprising any combination of H-chain CDR1, CDR2, and CDR3 and L-chain CDR1, CDR2, and CDR3 selected from (a1) to (a5) below:

(a1) H-chain CDR1, CDR2, and CDR3 comprised in the antibody variable region having glypican 3-binding activity which are identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 206; H-chain CDR1, CDR2, and CDR3 comprised in the antibody variable region having T-cell receptor complex-binding activity which are identical to the amino acid sequences of the

CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 142; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of the common L chain which are identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 223;

(a2) H-chain CDR1, CDR2, and CDR3 comprised in the antibody variable region having glypican 3-binding activity which are identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 206; H-chain CDR1, CDR2, and CDR3 comprised in the antibody variable region having T-cell receptor complex-binding activity which are identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 164; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of the common L chain which are identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 223;

(a3) H-chain CDR1, CDR2, and CDR3 comprised in the antibody variable region having glypican 3-binding activity which are identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 206; H-chain CDR1, CDR2, and CDR3 comprised in the antibody variable region having T-cell receptor complex-binding activity which are identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 168; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of the common L chain which are identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 223;

(a4) H-chain CDR1, CDR2, and CDR3 comprised in the antibody variable region having glypican 3-binding activity which are identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 211; H-chain CDR1, CDR2, and CDR3 comprised in the antibody variable region having T-cell receptor complex-binding activity which are identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 142; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of the common L chain which are identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 223;

(a5) H-chain CDR1, CDR2, and CDR3 comprised in the antibody variable region having glypican 3-binding activity which are identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 211; H-chain CDR1,

CDR2, and CDR3 comprised in the antibody variable region having T-cell receptor complex-binding activity which are identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 164; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of the common L chain which are identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 223.

5. The bispecific antibody of claim 4, which further comprises a heterodimeric Fc region with reduced binding activity towards an Fc receptor.

6. The bispecific antibody of claim 5, wherein the heterodimeric Fc region is the combination of amino acid sequences of (b1) below:
(b1) a combination of an amino acid sequence identical to the Fc region of a constant region having the amino acid sequence of SEQ ID NO: 60 or 62, and an amino acid sequence identical to the Fc region of a constant region having the amino acid sequence of SEQ ID NO: 61.

7. A nucleic acid that encodes the bispecific antibody of any one of claims 4 to 6.

8. A vector into which the nucleic acid of claim 7 is introduced.

9. A cell comprising the vector of claim 8.

10. A method for producing the bispecific antibody of any one of claims 4 to 6 by culturing the cell of claim 9.

11. A bispecific antibody produced by the method of claim 10.

12. A pharmaceutical composition comprising the bispecific antibody of any one of claims 4 to 6, and a pharmaceutically acceptable carrier.

CLAIMS

1. A multispecific antigen-binding molecule that comprises:
(1) a domain comprising an antibody variable region having glypican 3-binding activity,
(2) a domain comprising an antibody variable region having T-cell receptor complex-binding activity, and
(3) a domain comprising an Fc region with reduced binding activity towards an Fcγ receptor,
wherein the L chain variable regions comprised in the variable region of (1) and the variable region of (2) have a common amino acid sequence; wherein the multispecific antigen-binding molecule has a cytotoxic activity equivalent to or greater than that of a bispecific antibody comprising a glypican 3-binding domain comprising SEQ ID NOs: 47 and 48, and a T-cell receptor complex-binding domain comprising SEQ ID NOs: 49 and 50.

2. The multispecific antigen-binding molecule of claim 1, wherein the cytotoxic activity is T-cell-dependent cytotoxic activity.

3. The multispecific antigen-binding molecule of claim 1 or 2, wherein the T-cell receptor complex-binding activity is binding activity towards a T-cell receptor.

4. The multispecific antigen-binding molecule of any one of claims 1 to 3, wherein the T-cell receptor complex-binding activity is binding activity towards a CD3ε chain.

5. The multispecific antigen-binding molecule of any one of claims 1 to 4, wherein the antibody variable region of (1) in claim 1 is an antibody variable region that comprises any one of the combinations of H-chain CDR1, CDR2, and CDR3 selected from (a1) to (a5) below, or an antibody variable region functionally equivalent thereto:
(a1) CDR1, CDR2, and CDR3 identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 40;
(a2) CDR1, CDR2, and CDR3 identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 197;
(a3) CDR1, CDR2, and CDR3 identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 206;
(a4) CDR1, CDR2, and CDR3 identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 211; and

(a5) CDR1, CDR2, and CDR3 identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 215.

6. The multispecific antigen-binding molecule of any one of claims 1 to 4, wherein the antibody variable region of (2) in claim 1 is an antibody variable region that comprises any one of the combinations of H-chain CDR1, CDR2, and CDR3 amino acid sequences selected from (b1) to (b15) below, or an antibody variable region functionally equivalent thereto:

(b1) CDR1, CDR2, and CDR3 identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 52;

(b2) CDR1, CDR2, and CDR3 identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 103;

(b3) CDR1, CDR2, and CDR3 identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 122;

(b4) CDR1, CDR2, and CDR3 identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 128;

(b5) CDR1, CDR2, and CDR3 identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 129;

(b6) CDR1, CDR2, and CDR3 identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 132;

(b7) CDR1, CDR2, and CDR3 identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 142;

(b8) CDR1, CDR2, and CDR3 identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 144;

(b9) CDR1, CDR2, and CDR3 identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 164;

(b10) CDR1, CDR2, and CDR3 identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 168;

(b11) CDR1, CDR2, and CDR3 identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 421;

(b12) CDR1, CDR2, and CDR3 identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 424;

(b13) CDR1, CDR2, and CDR3 identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 426;

(b14) CDR1, CDR2, and CDR3 identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 429; and

(b15) CDR1, CDR2, and CDR3 identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 430.

7. The multispecific antigen-binding molecule of any one of claims 1 to 4, wherein the antibody variable regions of (1) and (2) in claim 1 are antibody variable regions comprising any one of the combinations of H-chain CDR1, CDR2, and CDR3 selected from the following (c1) to (c19), or antibody variable regions functionally equivalent thereto:

(c1) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 40; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 52;

(c2) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 40; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 421;

(c3) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 40; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 426;

(c4) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 40; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 429;

(c5) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 40; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 430;

(c6) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 197; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2)

in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 128;

(c7) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 206; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 142;

(c8) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 206; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 144;

(c9) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 206; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 164;

(c10) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 206; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 168;

(c11) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 211; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 142;

(c12) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 211; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 144;

(c13) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 211; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2)

in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 164;

(c14) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 211; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 168;

(c15) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 215; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 103;

(c16) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 215; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 122;

(c17) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 215; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 129;

(c18) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 215; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 132; and

(c19) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 215; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 424.

8. The multispecific antigen-binding molecule of any one of claims 5 to 7, wherein CDR1, CDR2, and CDR3 are CDR1, CDR2, and CDR3 regions based on Kabat numbering.

9. The multispecific antigen-binding molecule of any one of claims 1 to 4, wherein the antibody variable region of (1) in claim 1 is an antibody variable region comprising any one of the H-chain variable regions selected from (a1) to (a5) below, or an antibody variable region functionally equivalent thereto:

(a1) an H-chain variable region having the amino acid sequence of SEQ ID NO: 40;
(a2) an H-chain variable region having the amino acid sequence of SEQ ID NO: 197;
(a3) an H-chain variable region having the amino acid sequence of SEQ ID NO: 206;
(a4) an H-chain variable region having the amino acid sequence of SEQ ID NO: 211; and
(a5) an H-chain variable region having the amino acid sequence of SEQ ID NO: 215.

10. The multispecific antigen-binding molecule of any one of claims 1 to 4, wherein the antibody variable region of (2) in claim 1 is an antibody variable region comprising any one of the H-chain variable regions selected from (b1) to (b15) below, or an antibody variable region functionally equivalent thereto:

(b1) an H-chain variable region having the amino acid sequence of SEQ ID NO: 52;
(b2) an H-chain variable region having the amino acid sequence of SEQ ID NO: 103;
(b3) an H-chain variable region having the amino acid sequence of SEQ ID NO: 122;
(b4) an H-chain variable region having the amino acid sequence of SEQ ID NO: 128;
(b5) an H-chain variable region having the amino acid sequence of SEQ ID NO: 129;
(b6) an H-chain variable region having the amino acid sequence of SEQ ID NO: 132;
(b7) an H-chain variable region having the amino acid sequence of SEQ ID NO: 142;
(b8) an H-chain variable region having the amino acid sequence of SEQ ID NO: 144;
(b9) an H-chain variable region having the amino acid sequence of SEQ ID NO: 164;
(b10) an H-chain variable region having the amino acid sequence of SEQ ID NO: 168;
(b11) an H-chain variable region having the amino acid sequence of SEQ ID NO: 421;
(b12) an H-chain variable region having the amino acid sequence of SEQ ID NO: 424;
(b13) an H-chain variable region having the amino acid sequence of SEQ ID NO: 426;
(b14) an H-chain variable region having the amino acid sequence of SEQ ID NO: 429; and
(b15) an H-chain variable region having the amino acid sequence of SEQ ID NO: 430.

11. The multispecific antigen-binding molecule of any one of claims 1 to 4, wherein the antibody variable regions of (1) and (2) in claim 1 are antibody variable regions comprising any one of the combinations of H-chain variable regions selected from (c1) to (c19) below, or antibody variable regions functionally equivalent thereto:

(c1) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 which has the amino acid sequence of SEQ ID NO: 40; and an H-chain variable region

comprised in the antibody variable region of (2) in claim 1 which has the amino acid sequence of SEQ ID NO: 52;

(c2) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 which has the amino acid sequence of SEQ ID NO: 40; and an H-chain variable region comprised in the antibody variable region of (2) in claim 1 which has the amino acid sequence of SEQ ID NO: 421;

(c3) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 which has the amino acid sequence of SEQ ID NO: 40; and an H-chain variable region comprised in the antibody variable region of (2) in claim 1 which has the amino acid sequence of SEQ ID NO: 426;

(c4) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 which has the amino acid sequence of SEQ ID NO: 40; and an H-chain variable region comprised in the antibody variable region of (2) in claim 1 which has the amino acid sequence of SEQ ID NO: 429;

(c5) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 which has the amino acid sequence of SEQ ID NO: 40; and an H-chain variable region comprised in the antibody variable region of (2) in claim 1 which has the amino acid sequence of SEQ ID NO: 430;

(c6) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 which has the amino acid sequence of SEQ ID NO: 197; and an H-chain variable region comprised in the antibody variable region of (2) in claim 1 which has the amino acid sequence of SEQ ID NO: 128;

(c7) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 which has the amino acid sequence of SEQ ID NO: 206; and an H-chain variable region comprised in the antibody variable region of (2) in claim 1 which has the amino acid sequence of SEQ ID NO: 142;

(c8) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 which has the amino acid sequence of SEQ ID NO: 206; and an H-chain variable region comprised in the antibody variable region of (2) in claim 1 which has the amino acid sequence of SEQ ID NO: 144;

(c9) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 which has the amino acid sequence of SEQ ID NO: 206; and an H-chain variable region comprised in the antibody variable region of (2) in claim 1 which has the amino acid sequence of SEQ ID NO: 164;

(c10) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 which has the amino acid sequence of SEQ ID NO: 206; and an H-chain variable region

comprised in the antibody variable region of (2) in claim 1 which has the amino acid sequence of SEQ ID NO: 168;

(c11) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 which has the amino acid sequence of SEQ ID NO: 211; and an H-chain variable region comprised in the antibody variable region of (2) in claim 1 which has the amino acid sequence of SEQ ID NO: 142;

(c12) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 which has the amino acid sequence of SEQ ID NO: 211; and an H-chain variable region comprised in the antibody variable region of (2) in claim 1 which has the amino acid sequence of SEQ ID NO: 144;

(c13) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 which has the amino acid sequence of SEQ ID NO: 211; and an H-chain variable region comprised in the antibody variable region of (2) in claim 1 which has the amino acid sequence of SEQ ID NO: 164;

(c14) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 which has the amino acid sequence of SEQ ID NO: 211; and an H-chain variable region comprised in the antibody variable region of (2) in claim 1 which has the amino acid sequence of SEQ ID NO: 168;

(c15) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 which has the amino acid sequence of SEQ ID NO: 215; and an H-chain variable region comprised in the antibody variable region of (2) in claim 1 which has the amino acid sequence of SEQ ID NO: 103;

(c16) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 which has the amino acid sequence of SEQ ID NO: 215; and an H-chain variable region comprised in the antibody variable region of (2) in claim 1 which has the amino acid sequence of SEQ ID NO: 122;

(c17) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 which has the amino acid sequence of SEQ ID NO: 215; and an H-chain variable region comprised in the antibody variable region of (2) in claim 1 which has the amino acid sequence of SEQ ID NO: 129;

(c18) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 which has the amino acid sequence of SEQ ID NO: 215; and an H-chain variable region comprised in the antibody variable region of (2) in claim 1 which has the amino acid sequence of SEQ ID NO: 132; and

(c19) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 which has the amino acid sequence of SEQ ID NO: 215; and an H-chain variable region

comprised in the antibody variable region of (2) in claim 1 which has the amino acid sequence of SEQ ID NO: 424.

12. The multispecific antigen-binding molecule of any one of claims 1 to 11, wherein the common L chain of claim 1 is a common L chain comprising any one of the combinations of CDR1, CDR2, and CDR3 selected from (d1) to (d11) below, or a common L chain functionally equivalent thereto:

(d1) CDR1, CDR2, and CDR3 identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 53;

(d2) CDR1, CDR2, and CDR3 identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 223;

(d3) CDR1, CDR2, and CDR3 identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 299;

(d4) CDR1, CDR2, and CDR3 identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 301;

(d5) CDR1, CDR2, and CDR3 identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 302;

(d6) CDR1, CDR2, and CDR3 identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 304;

(d7) CDR1, CDR2, and CDR3 identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 306;

(d8) CDR1, CDR2, and CDR3 identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 307;

(d9) CDR1, CDR2, and CDR3 identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 309;

(d10) CDR1, CDR2, and CDR3 identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 310; and

(d11) CDR1, CDR2, and CDR3 identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 319.

13. The multispecific antigen-binding molecule of any one of claims 1 to 11, wherein the L chain variable region of claim 1 is a variable region of any one of the L chain amino acid sequences selected from(d1) to (d11) below:

(d1) an L chain comprising the amino acid sequence of SEQ ID NO: 53;

(d2) an L chain comprising the amino acid sequence of SEQ ID NO: 223;

(d3) an L chain comprising the amino acid sequence of SEQ ID NO: 299;

(d4) an L chain comprising the amino acid sequence of SEQ ID NO: 301;
(d5) an L chain comprising the amino acid sequence of SEQ ID NO: 302;
(d6) an L chain comprising the amino acid sequence of SEQ ID NO: 304;
(d7) an L chain comprising the amino acid sequence of SEQ ID NO: 306;
(d8) an L chain comprising the amino acid sequence of SEQ ID NO: 307;
(d9) an L chain comprising the amino acid sequence of SEQ ID NO: 309;
(d10) an L chain comprising the amino acid sequence of SEQ ID NO: 310; and
(d11) an L chain comprising the amino acid sequence of SEQ ID NO: 319.

14. The multispecific antigen-binding molecule of any one of claims 1 to 4, wherein the antibody variable regions of (1) and (2) of claim 1 and the common L chain variable region are antibody variable regions comprising any one of the combinations of H-chain CDR1, CDR2, and CDR3 and L-chain CDR1, CDR2, and CDR3 selected from (e1) to (e25) below, or antibody variable regions functionally equivalent thereto:

(e1) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 197; CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 128; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of the common L chain and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 53;

(e2) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 197; CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 128; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of the common L chain and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 299;

(e3) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 197; CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 128; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of the common L chain and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 310;

(e4) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 197; CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 128; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of the common L chain and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 319;

(e5) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 206; CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 142; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of the common L chain and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 223;

(e6) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 206; CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 144; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of the common L chain and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 223;

(e7) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 206; CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 164; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of the common L chain and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 223;

(e8) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 206; CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 168; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of the common L chain and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 223;

(e9) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 211; CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 142; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of the common L chain and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 223;

(e10) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 211; CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 142; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of the common L chain and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 299;

(e11) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 211; CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 144; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of the common L chain and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 223;

(e12) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 211; CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 164; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of the common L chain and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 223;

(e13) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 211; CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 168; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of the common L chain and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 223;

(e14) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 215; CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 103; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of the common L chain and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 53;

(e15) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 215; CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 103; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of the common L chain and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 299;

(e16) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 215; CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 103; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of the common L chain and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 301;

(e17) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 215; CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 103; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of the common L chain and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 302;

(e18) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 215; CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 103; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of the common L chain and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 304;

(e19) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 215; CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 103; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of the common L chain and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 306;

(e20) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 215; CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 103; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of the common L chain and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 307;

(e21) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 215; CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 103; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of the common L chain and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 309;

(e22) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 215; CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 122; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of the common L chain and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 53;

(e23) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 215; CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 129; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of the common L chain and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 53;

(e24) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 215; CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 132; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of the common L chain and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 53; and

(e25) CDR1, CDR2, and CDR3 comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 215; CDR1, CDR2, and CDR3 comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 424; and CDR1, CDR2, and CDR3 comprised in the antibody variable region of the common L chain and identical to the amino acid sequences of the CDR1, CDR2, and CDR3 regions comprised in SEQ ID NO: 53.

15. The multispecific antigen-binding molecule of any one of claims 1 to 4, wherein the antibody variable regions of (1) and (2) of claim 1 and the common L chain variable region are antibody variable regions comprising any one of the combinations of variable regions selected from (f1) to (f26) below, or antibody variable regions functionally equivalent thereto:

(f1) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 197; an H-chain variable region comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 128; and an antibody variable region of the common L chain identical to the amino acid sequence of the variable region comprised in SEQ ID NO: 53;

(f2) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 197; an H-chain variable region comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 128; and an antibody variable region of the common L chain identical to the amino acid sequence of the variable region comprised in SEQ ID NO: 299;

(f3) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 197; an H-chain variable region comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 128; and an antibody variable region of the common L chain identical to the amino acid sequence of the variable region comprised in SEQ ID NO: 310;

(f4) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 197; an H-chain variable region

comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 128; and an antibody variable region of the common L chain identical to the amino acid sequence of the variable region comprised in SEQ ID NO: 319;

(f5) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 206; an H-chain variable region comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 142; and an antibody variable region of the common L chain and identical to the amino acid sequence of the variable region comprised in SEQ ID NO: 223;

(f6) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 206; an H-chain variable region comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 144; and an antibody variable region of the common L chain identical to the amino acid sequence of the variable region comprised in SEQ ID NO: 223;

(f7) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 206; an H-chain variable region comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 164; and an antibody variable region of the common L chain and identical to the amino acid sequence of the variable region comprised in SEQ ID NO: 223;

(f8) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 206; an H-chain variable region comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 168; and an antibody variable region of the common L chain identical to the amino acid sequence of the variable region comprised in SEQ ID NO: 223;

(f9) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 211; an H-chain variable region comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 142; and an antibody variable region of the common L chain identical to the amino acid sequence of the variable region comprised in SEQ ID NO: 223;

(f10) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 211; an H-chain variable region comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 142; and an antibody variable region of the common L chain identical to the amino acid sequence of the variable region comprised in SEQ ID NO: 299;

(f11) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 211; an H-chain variable region comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid

sequence of SEQ ID NO: 144; and an antibody variable region of the common L chain identical to the amino acid sequence of the variable region comprised in SEQ ID NO: 223;

(f12) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 211; an H-chain variable region comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 164; and an antibody variable region of the common L chain identical to the amino acid sequence of the variable region comprised in SEQ ID NO: 223;

(f13) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 211; an H-chain variable region comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 168; and an antibody variable region of the common L chain identical to the amino acid sequence of the variable region comprised in SEQ ID NO: 223;

(f14) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 215; an H-chain variable region comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 103; and an antibody variable region of the common L chain identical to the amino acid sequence of the variable region comprised in SEQ ID NO: 53;

(f15) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 215; an H-chain variable region comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 103; and an antibody variable region of the common L chain identical to the amino acid sequence of the variable region comprised in SEQ ID NO: 299;

(f16) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 215; an H-chain variable region comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 103; and an antibody variable region of the common L chain identical to the amino acid sequence of the variable region comprised in SEQ ID NO: 301;

(f17) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 215; an H-chain variable region comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 103; and an antibody variable region of the common L chain identical to the amino acid sequence of the variable region comprised in SEQ ID NO: 302;

(f18) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 215; an H-chain variable region comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid

sequence of SEQ ID NO: 103; and an antibody variable region of the common L chain identical to the amino acid sequence of the variable region comprised in SEQ ID NO: 304;

(f19) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 215; an H-chain variable region comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 103; and an antibody variable region of the common L chain identical to the amino acid sequence of the variable region comprised in SEQ ID NO: 306;

(f20) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 215; an H-chain variable region comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 103; and an antibody variable region of the common L chain identical to the amino acid sequence of the variable region comprised in SEQ ID NO: 307;

(f21) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 215; an H-chain variable region comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 103; and an antibody variable region of the common L chain identical to the amino acid sequence of the variable region comprised in SEQ ID NO: 309;

(f22) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 215; an H-chain variable region comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 122; and an antibody variable region of the common L chain identical to the amino acid sequence of the variable region comprised in SEQ ID NO: 53;

(f23) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 215; an H-chain variable region comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 129; and an antibody variable region of the common L chain and identical to the amino acid sequence of the variable region comprised in SEQ ID NO: 53;

(f24) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 215; an H-chain variable region comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 132; and an antibody variable region of the common L chain and identical to the amino acid sequence of the variable region comprised in SEQ ID NO: 53;

(f25) an H-chain variable region comprised in the antibody variable region of (1) in claim 1 and identical to the amino acid sequence of SEQ ID NO: 215; an H-chain variable region comprised in the antibody variable region of (2) in claim 1 and identical to the amino acid

sequence of SEQ ID NO: 424; and an antibody variable region of the common L chain and identical to the amino acid sequence of the variable region comprised in SEQ ID NO: 53; and (f26) multispecific antigen-binding molecule that binds to an epitope overlapping with each of the epitopes on glypican 3 and T-cell receptor complex bound by the multispecific antigen-binding molecule of any one of (f1) to (f25), and which has a common L chain.

16. The multispecific antigen-binding molecule of any one of claims 1 to 15, wherein the Fc region of (3) in claim 1 is an Fc region with an amino acid mutation at any of the Fc region-constituting amino acids of SEQ ID NOs: 23 to 26 (IgG1 to IgG4).

17. The multispecific antigen-binding molecule of claim 16, wherein the Fc region of (3) in claim 1 is an Fc region with mutation of at least one amino acid selected from the following amino acid positions specified by EU numbering:
position 220, position 226, position 229, position 231, position 232, position 233, position 234, position 235, position 236, position 237, position 238, position 239, position 240, position 264, position 265, position 266, position 267, position 269, position 270, position 295, position 296, position 297, position 298, position 299, position 300, position 325, position 327, position 328, position 329, position 330, position 331, and position 332.

18. The multispecific antigen-binding molecule of claim 16, wherein the Fc region of (3) in claim 1 is an Fc region comprising at least one amino acid selected from the following amino acids specified by EU numbering:
Arg at amino acid position 234, Ala or Arg at amino acid position 235, Lys at amino acid position 239, and Ala at amino acid position 297.

19. The multispecific antigen-binding molecule of any one of claims 16 to 18, wherein the Fc region of (3) in claim 1 further comprises an amino acid mutation for promoting formation of a heterodimeric Fc region.

20. The multispecific antigen-binding molecule of claim 19, wherein the heterodimeric Fc region is the amino acid sequence combination of (g1) or (g2) below:
(g1) a combination of an amino acid sequence identical to the Fc region of a constant region comprising the amino acid sequence of SEQ ID NO: 57, and an amino acid sequence identical to the Fc region of a constant region comprising the amino acid sequence of SEQ ID NO: 58; and
(g2) a combination of an amino acid sequence identical to the Fc region of a constant region comprising the amino acid sequence of SEQ ID NO: 60 or 62, and an amino acid sequence

identical to the Fc region of a constant region comprising the amino acid sequence of SEQ ID NO: 61.

21. The multispecific antigen-binding molecule of any one of claims 1 to 20, wherein the multispecific antigen-binding molecule is a bispecific antibody.

22. A bispecific antibody of any one of (h1) to (h25) below:

(h1) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 215 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 424 and a constant region having the amino acid sequence of SEQ ID NO: 60 or 62; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 53;

(h2) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 215 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 103 and a constant region having the amino acid sequence of SEQ ID NO: 60 or 62; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 53;

(h3) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 215 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 103 and a constant region having the amino acid sequence of SEQ ID NO: 60 or 62; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 299;

(h4) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 215 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 103 and a constant region having the amino acid sequence of SEQ ID NO: 60 or 62; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 301;

(h5) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 215 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 103 and a constant region having the amino acid sequence of SEQ ID NO: 60 or 62; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 302;

(h6) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 215 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 103 and a constant region having the amino acid sequence of SEQ ID NO: 60 or 62; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 304;

(h7) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 215 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 103 and a constant region having the amino acid sequence of SEQ ID NO: 60 or 62; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 306;

(h8) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 215 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 103 and a constant region having the amino acid sequence of SEQ ID NO: 60 or 62; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 307;

(h9) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 215 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 103 and a constant region having the amino acid sequence of SEQ ID NO: 60 or 62; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 309;

(h10) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 215 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 122 and a constant region having the amino acid sequence of SEQ ID NO: 60 or 62; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 53;

(h11) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 215 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 129 and a constant region having the amino acid sequence of SEQ ID NO: 60 or 62; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 53;

(h12) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 215 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 132 and a constant region having the amino acid sequence of SEQ ID NO: 60 or 62; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 53;

(h13) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 197 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 128 and a constant region having the amino acid sequence of SEQ ID NO: 60 or 62; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 299;

(h14) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 197 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 128 and a constant region having the amino acid sequence of SEQ ID NO: 60 or 62; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 310;

(h15) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 197 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 128 and a constant region having the amino acid sequence of SEQ ID NO: 60 or 62; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 319;

(h16) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 197 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 128 and a constant region having the amino acid sequence of SEQ ID NO: 60 or 62; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 53;

(h17) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 211 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 142 and a constant region having the amino acid sequence of SEQ ID NO: 60 or 62; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 299;

(h18) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 211 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 142 and a constant region having the amino acid sequence of SEQ ID NO: 60 or 62; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 223;

(h19) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 211 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 144 and a constant region having the amino acid sequence of SEQ ID NO: 60 or 62; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 223;

(h20) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 206 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 144 and a constant region having the amino acid sequence of SEQ ID NO: 60 or 62; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 223;

(h21) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 206 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 142 and a constant region having the amino acid sequence of SEQ ID NO: 60 or 62; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 223;

(h22) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 206 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 164 and a constant region having the amino acid sequence of SEQ ID NO: 60 or 62; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 223;

(h23) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 206 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 168 and a constant region having the amino acid sequence of SEQ ID NO: 60 or 62; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 223;

(h24) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 211 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 164 and a constant region having the amino acid sequence of SEQ ID NO: 60 or 62; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 223; and

(h25) a bispecific antibody having an antibody H chain having glypican 3-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 211 and a constant region having the amino acid sequence of SEQ ID NO: 61; an antibody H chain having T-cell receptor complex-binding activity that comprises an antibody H-chain variable region having the amino acid sequence of SEQ ID NO: 168 and a constant region having the amino acid sequence of SEQ ID NO: 60 or 62; and a common antibody L chain having the amino acid sequence of SEQ ID NO: 223.

23. A nucleic acid that encodes the multispecific antigen-binding molecule of any one of claims 1 to 20 or the bispecific antibody of claim 21 or 22.

24. A vector into which the nucleic acid of claim 23 is introduced.

25. A cell comprising the nucleic acid of claim 23 or the vector of claim 24.

26. A method for producing the multispecific antigen-binding molecule of any one of claims 1 to 20 or the bispecific antibody of claim 21 or 22 by culturing the cell of claim 25.

27. A multispecific antigen-binding molecule or a bispecific antibody produced by the method of claim 26.

28. A pharmaceutical composition comprising the multispecific antigen-binding molecule of any one of claims 1 to 20 or the bispecific antibody of claim 21 or 22, and a pharmaceutically acceptable carrier.

29. The pharmaceutical composition of claim 28, which induces cytotoxicity.

30. The pharmaceutical composition of claim 29, wherein the cytotoxicity is T-cell-dependent cytotoxicity.

31. The pharmaceutical composition of claim 28, which is for administration to a patient in need of the multispecific antigen-binding molecule of any one of claims 1 to 20 or the bispecific antibody of claim 21 or 22.