

Claims

1. An antibody, comprising:

5 ~~—— a light chain variable domain (VL domain) consisting of a sequence having an amino acid sequence of SEQ ID NO: 7 or 8, and~~

~~—— a heavy chain variable domain (VH domain) consisting of a sequence having an amino acid sequence of any one of SEQ ID NOs: 18 to 21; or~~

a light chain variable domain (VL domain) consisting of a sequence having an amino acid sequence of SEQ ID NO: 15 or 16, and

10 a heavy chain variable domain (VH domain) consisting of a sequence having an amino acid sequence of any one of SEQ ID NOs: 18 to 25.

2. The antibody of claim 1, wherein the antibody specifically binds to cluster of differentiation 3 (CD3).

15 3. The antibody of claim 2, wherein the CD3 includes human-derived CD3 and monkey-derived CD3.

4. The antibody of claim 1, wherein the antibody specifically binds to T cells.

20 5. The antibody of claim 4, wherein the T cells include human-derived T cells and monkey-derived T cells.

6. The antibody of claim 1, wherein the antibody is a humanized antibody.

7. A polynucleotide that encodes the light chain variable domain (VL domain) and the heavy chain variable domain (VH domain) of the antibody of claim 1.

5 8. An expression vector comprising the polynucleotide of claim 7.

9. A host cell transformed with the expression vector of claim 8.

10 10. A method for producing an antibody that specifically binds to CD3, comprising culturing the host cell of claim 9.

11. A pharmaceutical composition for use in preventing or treating cancer, comprising the antibody of claim 1 ~~or an antigen-binding fragment thereof~~.

15 12. The pharmaceutical composition ~~of~~ for use according to claim 11, wherein the cancer is pancreatic cancer, liver cancer, gastric cancer, lung cancer, colorectal cancer, rectal cancer, thyroid cancer, esophageal cancer, kidney cancer, bladder cancer, prostate cancer, cervical cancer, breast cancer, blood cancer, skin cancer, epithelial cancer, brain cancer, central nerve system cancer, or ovarian cancer.

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13. The antibody of claim 1 for use in preventing or treating cancer.

14. A use of the antibody of claim 1 in the manufacture of a medicament for preventing or treating cancer.