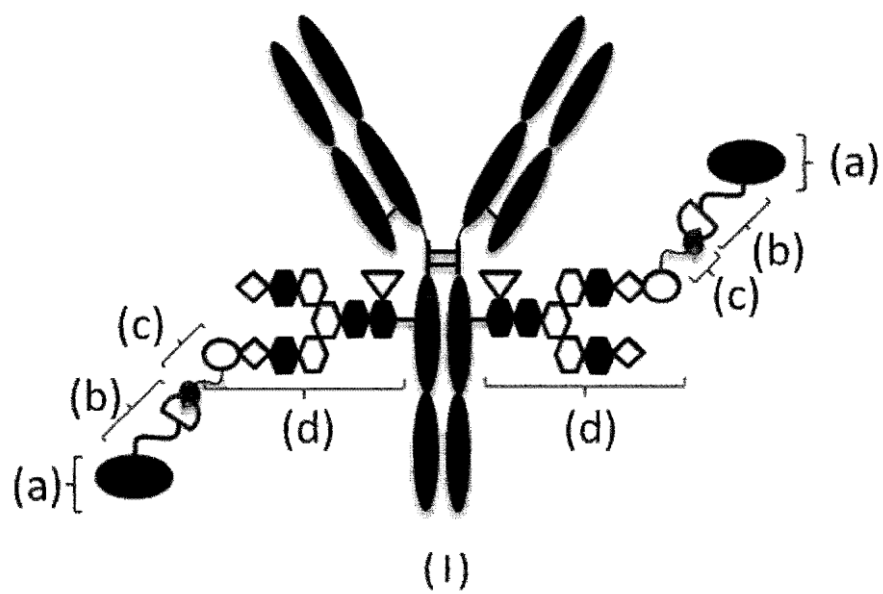


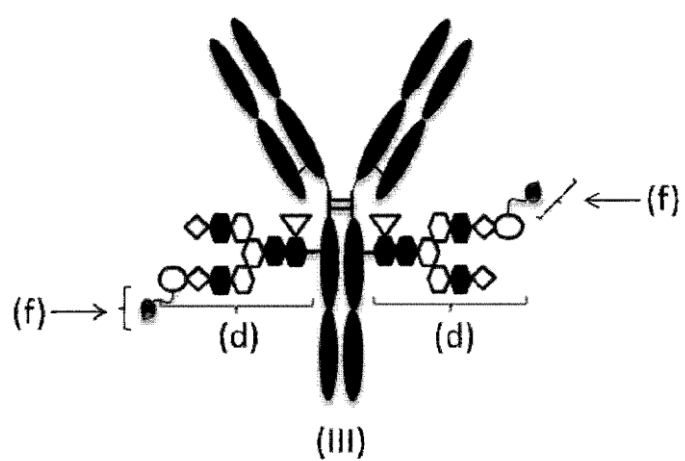
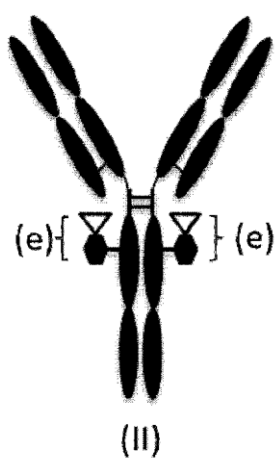
[Figure 1]



[Figure 2]

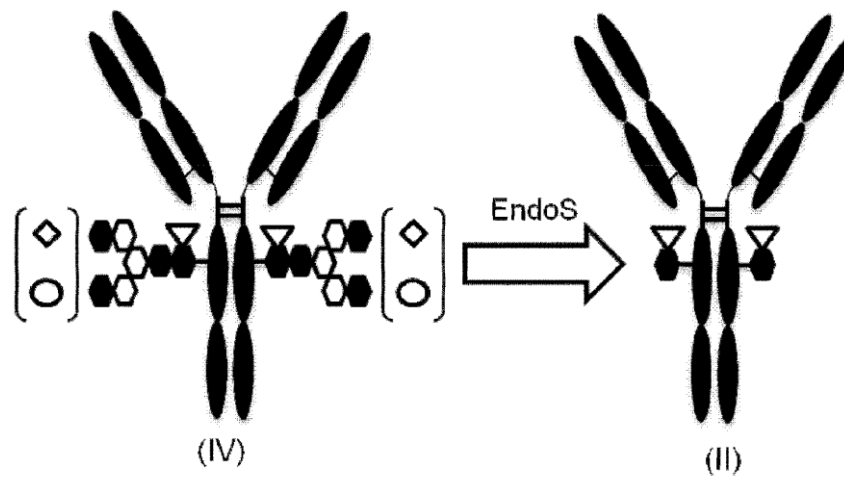
A

B

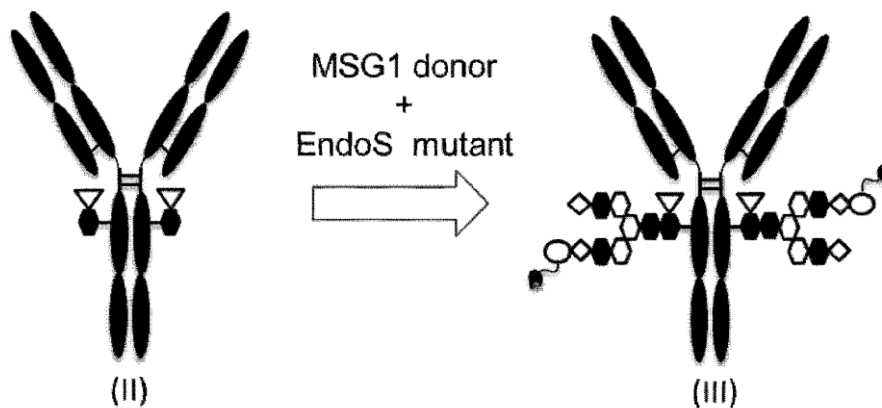


[Figure 3]

A



B



[Figure 4]

Amino acid sequence of CDRH1 of heavy chain of Trastuzumab A1, A2, and HwtL05 antibody (SEQ ID NO: 1)

GFNIKDTY

Amino acid sequence of CDRH2 of heavy chain of Trastuzumab A1, A2, and HwtL05 antibody (SEQ ID NO: 2)

IYPTNGYT

Amino acid sequence of CDRH3 of heavy chain of Trastuzumab A1, A2, and HwtL05 antibody (SEQ ID NO: 3)

SRWGGDGFYAMDY

[Figure 5]

Amino acid sequence of CDRH1 of H01L02 antibody heavy chain (SEQ ID NO: 1)

GFNIKDTY

Amino acid sequence of CDRH2 of H01L02 antibody heavy chain (SEQ ID NO: 2)

IYPTNGYT

Amino acid sequence of CDRH3 of H01L02 antibody heavy chain (SEQ ID NO: 4)

SRWGGDGFFAMDY

[Figure 6]

Amino acid sequence of CDRL1 of light chain of Trastuzumab A1 and A2 (SEQ ID NO: 5)

QDVNTA

Amino acid sequence of CDRL2 of light chain of Trastuzumab A1 and A2 (amino acid sequence consisting of amino acid residues 1 to 3 of SEQ ID NO: 6)

SASFLYS

Amino acid sequence of CDRL3 of light chain of Trastuzumab A1 and A2 (SEQ ID NO: 7)

QQHYTTPPT

[Figure 7]

Amino acid sequence of CDRL1 of H01L02 antibody light chain and HwtL05 antibody light chain (SEQ ID NO: 5)

QDVNTA

Amino acid sequence of CDRL2 of H01L02 antibody light chain and HwtL05 antibody light chain (amino acid sequence consisting of amino acid residues 1 to 3 of SEQ ID NO: 6)

SASFLYS

Amino acid sequence of CDRL3 of H01L02 antibody light chain and HwtL05 antibody light chain (SEQ ID NO: 8)

QQHATTPPT

[Figure 8]

Amino acid sequence of heavy chain of Trastuzumab A1 (SEQ ID NO: 11)

MKHLWFFLLLVAAPRWVLSEVQLVESGGGLVQPGGSLRLSCAASGFNIKDTYIHWVRQAPGKGLEWVARIYP
TNGYTRYADSVKGRFTISADTSKNTAYLQMNSLRAEDTAVYYCSRWGGDGFYAMDYWGQGTLLTVSSASTKG
PSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVTVPSSSLG
TQTYICNVNHKPSNTKVDKRVEPKSCDKTHTCPPCPAPEAAGGPSVFLFPPKPKDTLMISRTPEVTCVVVDV
SHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISK
AKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSKL
TVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGK

[Figure 9]

Amino acid sequence of heavy chain variable region of Trastuzumab A1, A2, and HwtL05 antibody (SEQ ID NO: 13)

EVQLVESGGGLVQPGGSLRLSCAASGFNIKDTYIHWVRQAPGKGLEWVARIYPTNGYTRYADSVKGRFTISA
DTSKNTAYLQMNSLRAEDTAVYYCSRWGGDGFYAMDYWGQGTLLTVSS

[Figure 10]

Amino acid sequence of heavy chain of H01L02 antibody (SEQ ID NO: 15)

MKHLWFFLLLVAAPRWVLSEVQLVESGGGLVQPGGSLRLSCAASGFNIKDTYIHWVRQAPGKGLEWVARIYP
TNGYTRYADSVKGRFTISADTSKNTAYLQMNSLRAEDTAVYYCSRWGGDGFYAMDYWGQGTLLTVSSASTKG
PSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVTVPSSSLG
TQTYICNVNHKPSNTKVDKRVEPKSCDKTHTCPPCPAPEAAGGPSVFLFPPKPKDTLMISRTPEVTCVVVDV
SHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISK
AKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSKL
TVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGK

[Figure 11]

Amino acid sequence of heavy chain variable region of H01L02 antibody (SEQ ID NO: 17)

EVQLVESGGGLVQPGGSLRLSCAASGFNIKDTYIHWVRQAPGKGLEWVARIYPTNGYTRYADSVKGRFTISA
DTSKNTAYLQMNSLRAEDTAVYYCSRWGGDGFYAMDYWGQGTLLTVSS

[Figure 12]

Amino acid sequence of light chain of Trastuzumab A1 (SEQ ID NO: 19)

MVLQTQVFISLLWISGAYGDIQMTQSPSSLSASVGDRVITTCRASQDVNTAVAWYQQKPGKAPKLLIYSAS
FLYSGVPSRFRSGSRSGTDFTLTISSLQPEDFATYYCQQHYTTPPTFGQGTKVEIKRTVAAPSVFIFPPSDEQ
LKSGTASVCLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKSTYLSSTLTLSKADYEKHKVYACEV
THQGLSSPVTKSFNRGEC

[Figure 13]

Amino acid sequence of light chain variable region of Trastuzumab A1 and A2 (SEQ ID NO: 21)

DIQMTQSPSSLSASVGDRVITTCRASQDVNTAVAWYQQKPGKAPKLLIYSASFLYSGVPSRFRSGSRSGTDFT
LTISSLQPEDFATYYCQQHYTTPPTFGQGTKVEIK

[Figure 14]

Amino acid sequence of light chain of H01L02 antibody (SEQ ID NO: 23)

MVLQTQVFISLLWISGAYGDIQMTQSPSSLSASVGDRVITTCRASQDVNTAVAWYQQKPGKAPKLLIYSAS
FLYSGVPSRFRSGSRSGTDFTLTISSLQPEDFATYYCQQHATTPPTFGQGTKVEIKRTVAAPSVFIFPPSDEQ
LKSGTASVCLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKSTYLSSTLTLSKADYEKHKVYACEV
THQGLSSPVTKSFNRGEC

[Figure 15]

Amino acid sequence of light chain variable region of H01L02 antibody (SEQ ID NO: 25)

DIQMTQSPSSLSASVGDRVITTCRASQDVNTAVAWYQQKPGKAPKLLIYSASFLYSGVPSRFRSGSRSGTDFT
LTISSLQPEDFATYYCQQHATTPPTFGQGTKVEIK

[Figure 16]

Amino acid sequence of light chain of HwtL05 antibody (SEQ ID NO: 27)

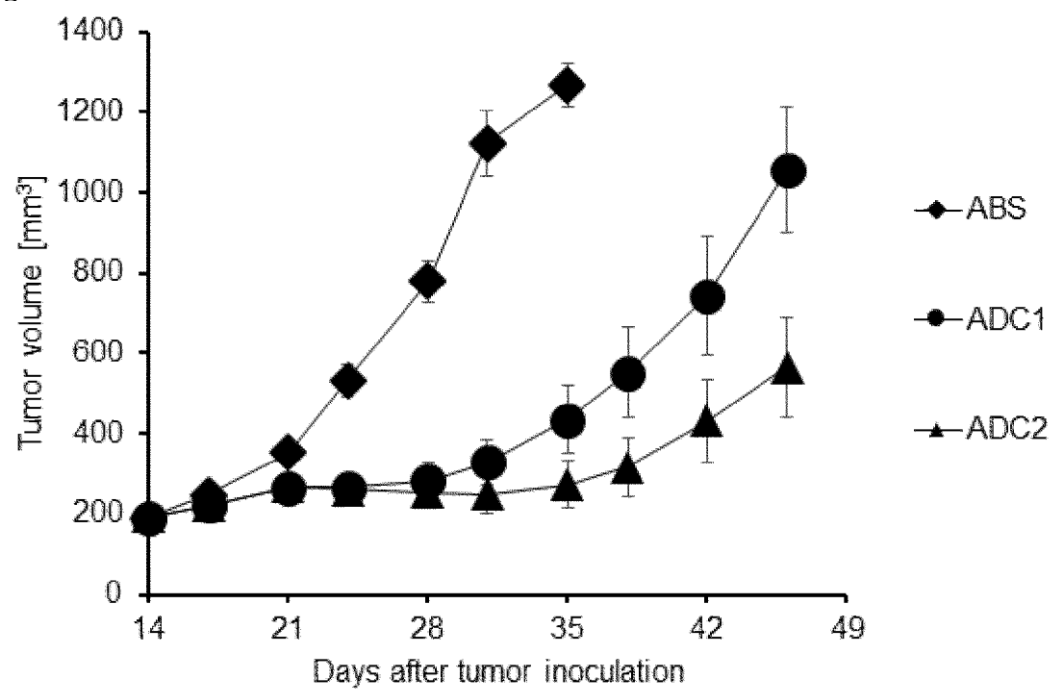
MVLQTQVFISLLWISGAYGDIQMTQSPSSLSASVGDRVITTCRASQDVNTAVAWYQQKPGKAPKALIYSAS
FLYSGVPSRFRSGSRSGTDFTLTISSLQPEDFATYYCQQHATTPPTFGQGTKVEIKRTVAAPSVFIFPPSDEQ
LKSGTASVCLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKSTYLSSTLTLSKADYEKHKVYACEV
THQGLSSPVTKSFNRGEC

[Figure 17]

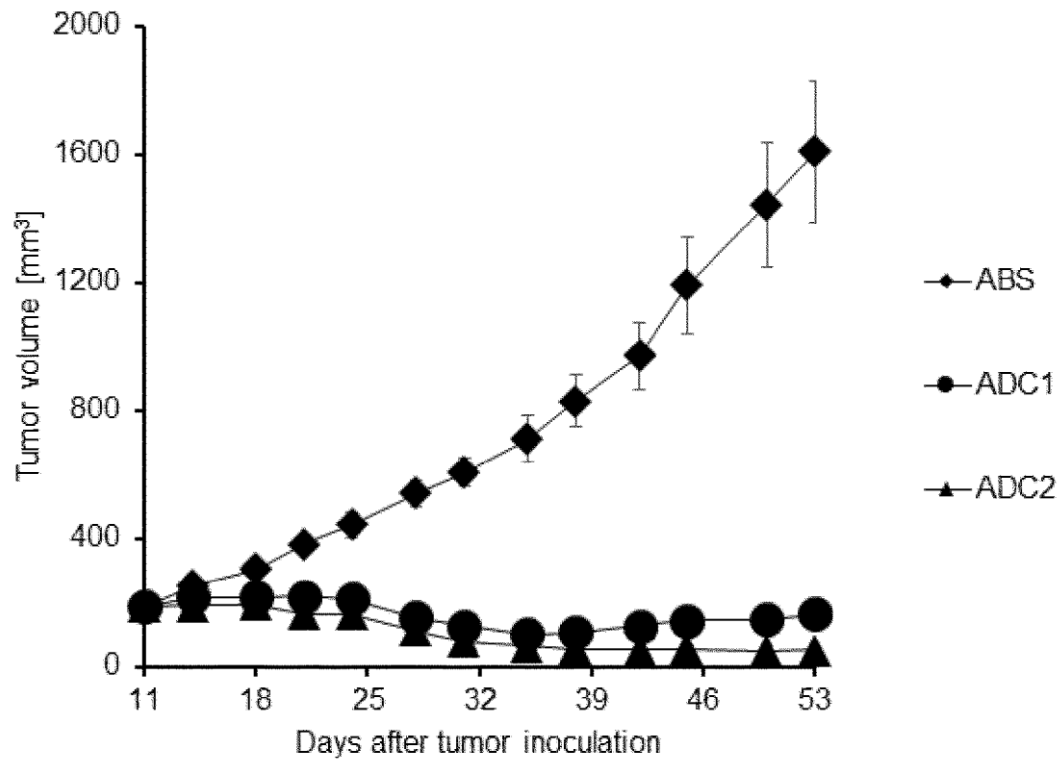
Amino acid sequence of light chain variable region of HwtL05 antibody (SEQ ID NO: 29)

DIQMTQSPSSLSASVGDRVITTCRASQDVNTAVAWYQQKPGKAPKALIYSASFLYSGVPSRFRSGSRSGTDFT
LTISSLQPEDFATYYCQQHATTPPTFGQGTKVEIK

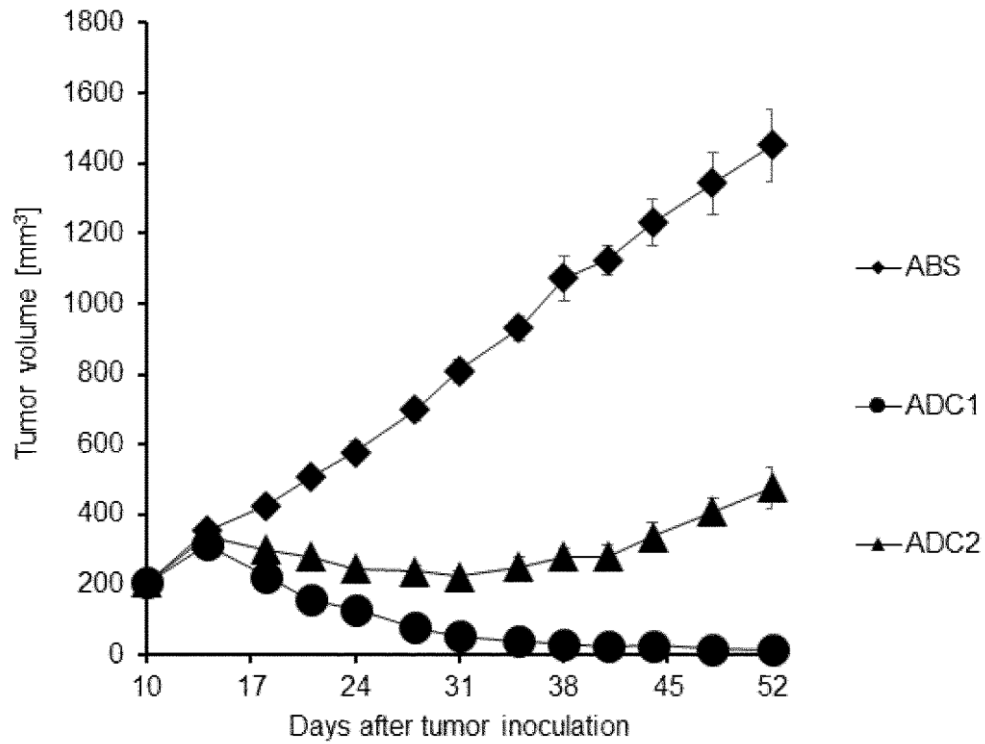
[Figure 18]



[Figure 19]



[Figure 20]



[Figure 21]

Amino acid sequence of heavy chain of Trastuzumab A2 (SEQ ID NO: 31)

MKHLWFFLLLVAAAPRWVLSEVQLVESGGGLVQPGGSLRLSCAASGFNIKDTYIHWVRQAPGKGLEWARIYP
TNGYTRYADSVKGRFTISADTSKNTAYLQMNSLRAEDTAVYYCSRWGGDGFYAMDYWGQGLTVTVSSASTKG
PSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVTVTPSSSLG
TQTYICNVNHKPSNTKVDKKVEPKSCDKTHTCPPCPAPEAAGGPSVFLFPPKPKDTLMISRTPEVTCVVVD
VSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTIS
KAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSK
LTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK

Signal sequence (1 - 19), Heavy chain variable region (20 - 120), Constant region (121 - 469)

[Figure 22]

Amino acid sequence of light chain of Trastuzumab A2 (SEQ ID NO: 32)

MVLQTQVFISLLLWISGAYGDIQMTQSPSSLSASVGDRTITCRASQDVNTAVAWYQQKPGKAPKLLIYSAS
FLYSGVPSRFRSGSRSGTDFTLTISSLQPEDFATYYCQQHYTTPPTFGQGTKVEIKRTVAAPSVFIFPPSDEQ
LKSGTASVVCLLNFPREAKVQWKVDNALQSGNSQESVTEQDSKDYSLSSSTLTLSKADYEKHKVYACEV
THQGLSSPVTKSFNRGEC

Signal sequence (1 - 20), Heavy chain variable region (21 - 127), Constant region (128 - 234)

[Figure 23]

