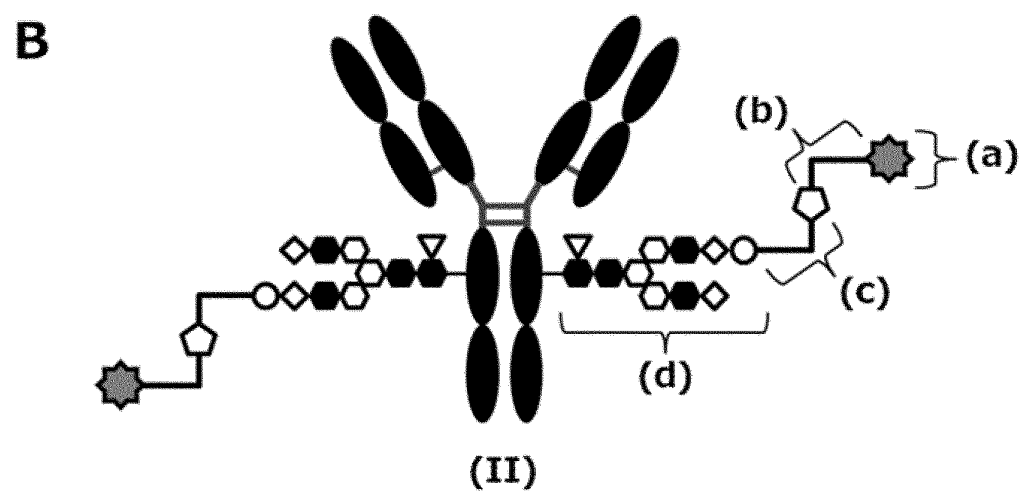
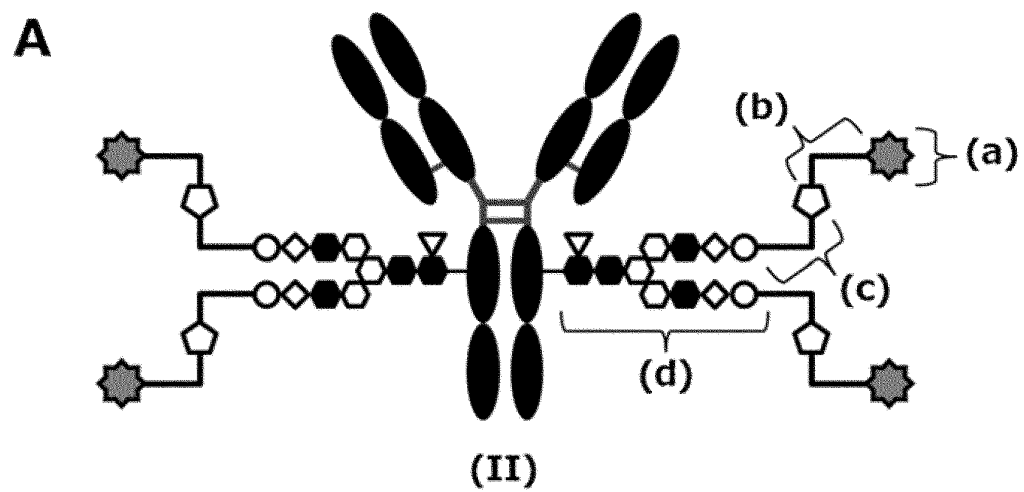
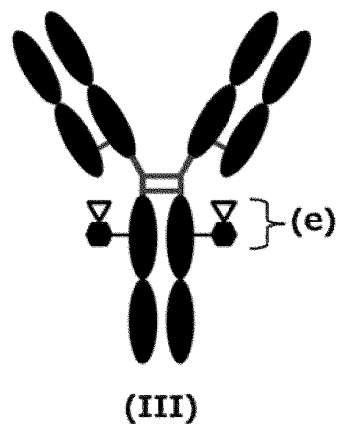
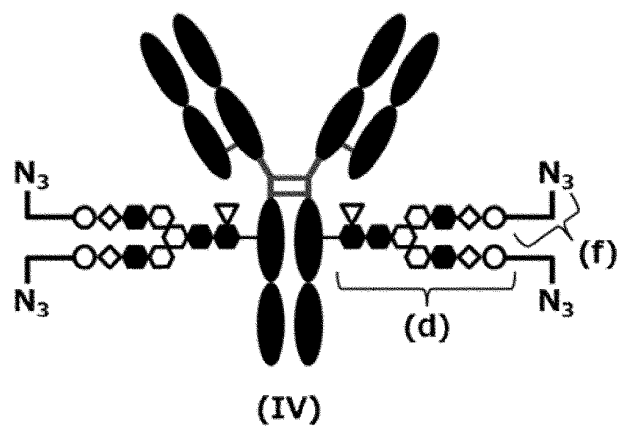
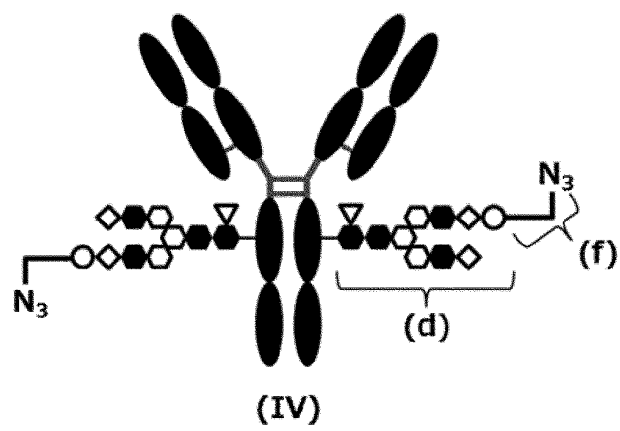


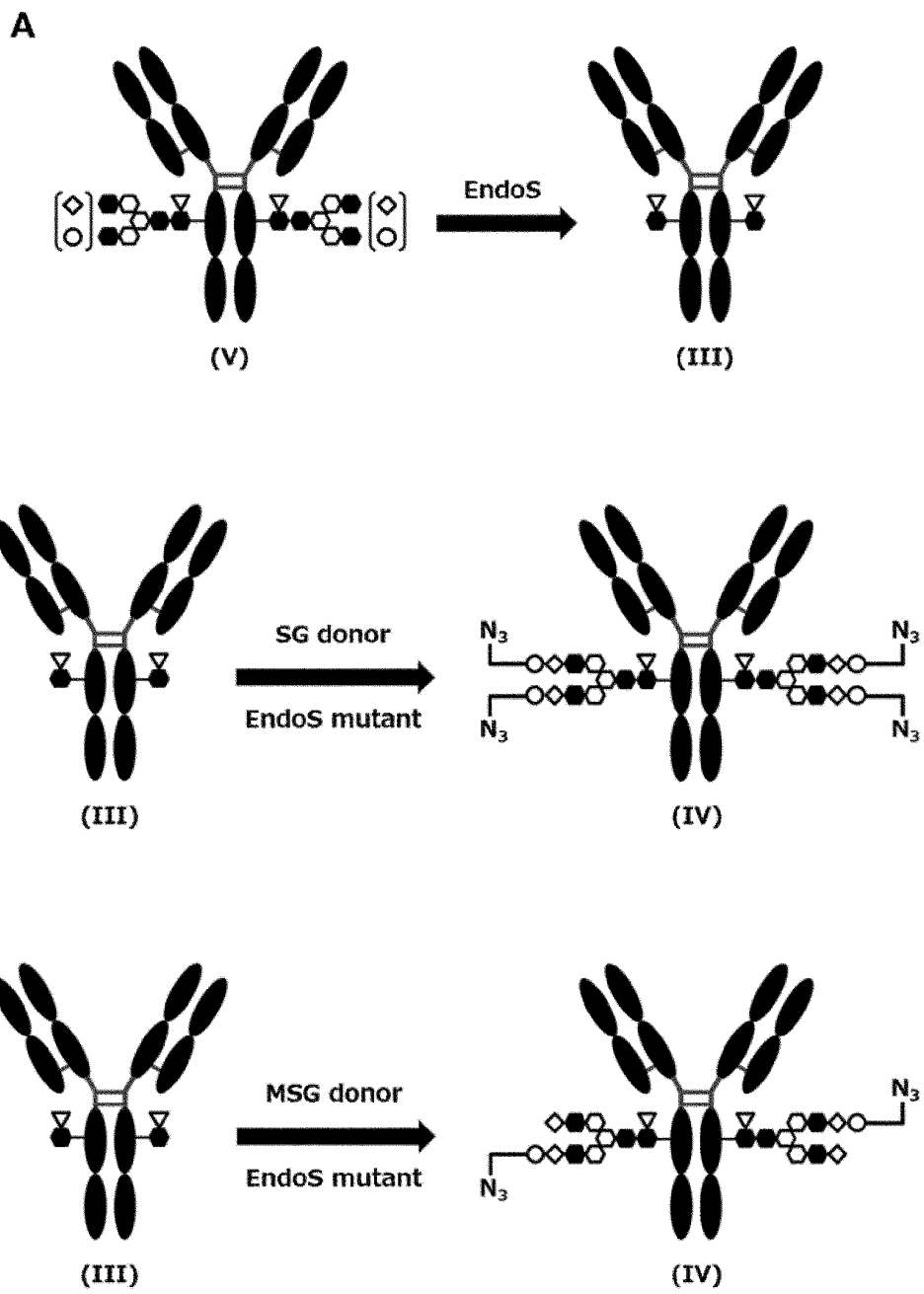
[Figure 1]



[Figure 2]

A**B****C**

[Figure 3]



[Figure 4]

The amino acid sequence of the light chain of anti-CD70 antibody 1 (SEQ ID NO: 1)

DIVMTQSPDSLAVSLGERATINCRASKSVSTSGYSFMHWYQQKPGQPPKLLIYLASNLES
GVPDRFSGSGSGTDFTLTISLQAEDVAVYYCQHSREVPWTFGGGTKVEIKRTVAAPSVF
IFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSSTYSLS
STLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC

The amino acid sequence of the heavy chain of anti-CD70 antibody 1 (SEQ ID NO: 2)

QVQLVQSGAEVKKPGASVKVSCKASGYTFTNYGMNWRQAPGGGLKWMGWINTYTGEPTY
ADAFKGRVTMTRDTSISTAYMELSRLRSDDTAVYYCARDYGDYGM DYWGQGTTVTVSSAS
TKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGL
YSLSSVTVTPSSSLGTQTYICNVNHKPSNTKVDKRVEPKSCDKTHTCPPCPAPEAAGGP
SVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEM
TKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQ
QGNVFCSCVMHEALHNHYTQKSLSLSPGK

(The LALA mutation site is underlined.)

[Figure 5]

The amino acid sequence of the light chain of anti-CD70 antibody 2 (SEQ ID NO: 3)

EIVLTQSPATLSLSPGERATLSCRASQSVSSYLAWYQQKPGQAPRLLIYDASNRTGIPA
RFSGSGSGTDFTLTISSLEPEDFAVYYCQQR TNWPLTFGGGTKVEIKRTVAAPSVFIFPP
SDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDYSTYLSSTLT
LSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC

The amino acid sequence of the heavy chain of anti-CD70 antibody 2 (SEQ ID NO: 4)

QVQLVESGGGVVQPGRSLRLSCAASGFTFSSYIMHWVRQAPGKGLEWVAVISYDGRNKYY
ADSVKGRFTISRDN SKNTLYLQMNSLRAEDTAVYYCARDTDGYDFDYWGQGT LVTVSSAS
TKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVT VSWNSGALTSGVHTFPAVLQSSGL
YSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEPKSCDKTHTCPPCPAPEAAGGP
SVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEM
TKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQ
QGNVFSCSVMHEALHNHYTQKSLSLSPGK

(The LALA mutation site is underlined.)

[Figure 6]

The amino acid sequence of the light chain of anti-TROP2 antibody 1 (SEQ ID NO: 5)

DIQMTQSPSSLSASVGDRVTITCKASQDVSTAWAWYQQKPGKAPKLLIYSASYRTGVPS
RFSGSGSGTDFTLTISSLPEDFAVYYCQQHYITPLTFGGGTKLEIKRTVAAPSVFIFPP
SDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDYSTYLSSTLT
LSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC

The amino acid sequence of the heavy chain of anti-TROP2 antibody 1 (SEQ ID NO: 6)

QVQLVQSGAEVKKPGASVKVSCKASGYFTTAGMQWVRQAPGQGLEWMGWINTHSGVPKY
AEDFKGRVTISADTSTSTAYLQLSSLKSEDTAVYYCARSGFGSSYWFYFDVWGQGT LVTVS
SASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVT VSWNSGALTSGVHTFPAVLQS
SGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEPKSCDKTHTCPPCPAPELLG
GPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQY
NSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRE
EMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSR
WQQGNVFSCSVMHEALHNHYTQKSLSLSPGK

[Figure 7]

The amino acid sequence of the light chain of anti-TROP2 antibody 2 (SEQ ID NO: 7)

DIQMTQSPSSLSASVGDRVTITCKASQDVSTAVAWYQQKPGKAPKLLIYSASYRYTGVP
 RFSGSGSGTDFTLTISSLQPEDFAVYYCQGHYITPLTFGGGTKLEIKRTVAAPSVFIFPP
 SDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSSTLSSTLT
 LSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC

The amino acid sequence of the heavy chain of anti-TROP2 antibody 2 (SEQ ID NO: 8)

QVQLVQSGAEVKKPGASVKVSCKASGYTFTTAGMQWVRQAPGGGLEWMGWINTHSGVPKY
 AEDFKGRVTISADTSTSTAYLQLSSLKSEDTAVYYCARGSGFGSSYWFYFDVWGQGT
 LTVTS SASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQS
 SGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEPKSCDKTHTCPPCPAPEAA
 GGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQ
 YNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSR
 EEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKS
 RWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK

(The LALA mutation site is underlined.)

[Figure 8]

The amino acid sequence of the light chain of anti-EGFR antibody 1 (SEQ ID NO: 9)

DIQMTQSPSSLSASVGDRVTITCQASQDISNYLNWYQQKPGKAPKLLIYDASNLETGVPS
 RFSGSGSGTDFTFTISSLPEDIATYFCQHFDHLPLAFGGGTKVEIKRTVAAPSVFIFPP
 SDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSSTLSSTLT
 LSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC

The amino acid sequence of the heavy chain of anti-EGFR antibody 1 (SEQ ID NO: 10)

QVQLQESGPGLVKPSETLSLTCTVSGGSVSSGDYYWTWIRQSPGKGLEWIGHIYYSGNTN
 YNPSLKSRLTISIDTSKTQFSLKLSSVTAADTAIYYCVRDRVTGAFDIWGQGTMTVSSA
 STKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSG
 LYSLSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEPKSCDKTHTCPPCPAPEAAGG
 PSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYN
 STYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREE
 MTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRW
 QQGNVFSCSVMHEALHNHYTQKSLSLSPGK

(The LALA mutation site is underlined.)

[Figure 9]

The amino acid sequence of the light chain of anti-EGFR antibody 2 (SEQ ID NO: 11)

DILMTQSPSSMSVSLGDTVSI TCHSSQDINSNIGWLQQRPGKSFKGLIYHGTNLDDEVPS
RFSGSGSGADYSLTISSLESEDFADYYCVQYAQFPWTFGGGTKLEIKRTVAAPSVFIFPP
SDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKSTYLSSTLT
LSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC

The amino acid sequence of the heavy chain of anti-EGFR antibody 2 (SEQ ID NO: 12)

DVQLQESGPSLVKPSQSLSLTCTVTGYSITSDFAWNWIRQFPGNKLEWMGYISYSGNTRY
NPSLKSRI SITRDTSKNQFFLQLNSVTIEDTATYYCVTAGRGFPYWGQGTLVTVSAASTK
GPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYS
LSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEPKSCDKTHTCPPCPAPEAAAGGPSV
FLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTY
RVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTK
NQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSKLTVDKSRWQQG
NVFSCSVMHEALHNHYTQKSLSLSPGK

(The LALA mutation site is underlined.)

[Figure 10]

(a) The amino acid sequence of human wild-type STING (SEQ ID NO: 13)

MPHSSLHPSIPCPRGHGAQKAALVLLSACLVTWGLGEPPEHTLRYLVLHLASLQLGLLL
 NGVCSLAEELRHIHSRYRGSYWRTVRACLGCP^LRRGALLLLSIYFYSLPNAVGP^PFTWM
 LALLGLSQALNILLGLKGLAPAEISAVCEKGNFNVAHGLAWSYYIGYLRLILPELQARIR
 TYNQHYNLLRGAVSQRLYILLPLDCGVPDNL^SMADPNIRFLDKLPQQTGD^RAGIKDRVY
 SNSIYELLENGQRAGTCVLEYATPLQTLFAMSQYSQAGFSREDRLEQAKLFCRTLEDILA
 DAPESQNNCRLIAYQEPADDSSFSLSQEVLRHLRQEEKEEVTGSLKTSAVPSTSTMSQE
 PELLISGMEKPLPLRTDFS

(b) The amino acid sequence of human STING REF mutant (R232H) (SEQ ID NO: 15)

MPHSSLHPSIPCPRGHGAQKAALVLLSACLVTWGLGEPPEHTLRYLVLHLASLQLGLLL
 NGVCSLAEELRHIHSRYRGSYWRTVRACLGCP^LRRGALLLLSIYFYSLPNAVGP^PFTWM
 LALLGLSQALNILLGLKGLAPAEISAVCEKGNFNVAHGLAWSYYIGYLRLILPELQARIR
 TYNQHYNLLRGAVSQRLYILLPLDCGVPDNL^SMADPNIRFLDKLPQQTGDHAGIKDRV
 YSNSIYELLENGQRAGTCVLEYATPLQTLFAMSQYSQAGFSREDRLEQAKLFCRTLEDIL
 ADAPESQNNCRLIAYQEPADDSSFSLSQEVLRHLRQEEKEEVTGSLKTSAVPSTSTMSQ
 EPELLISGMEKPLPLRTDFS

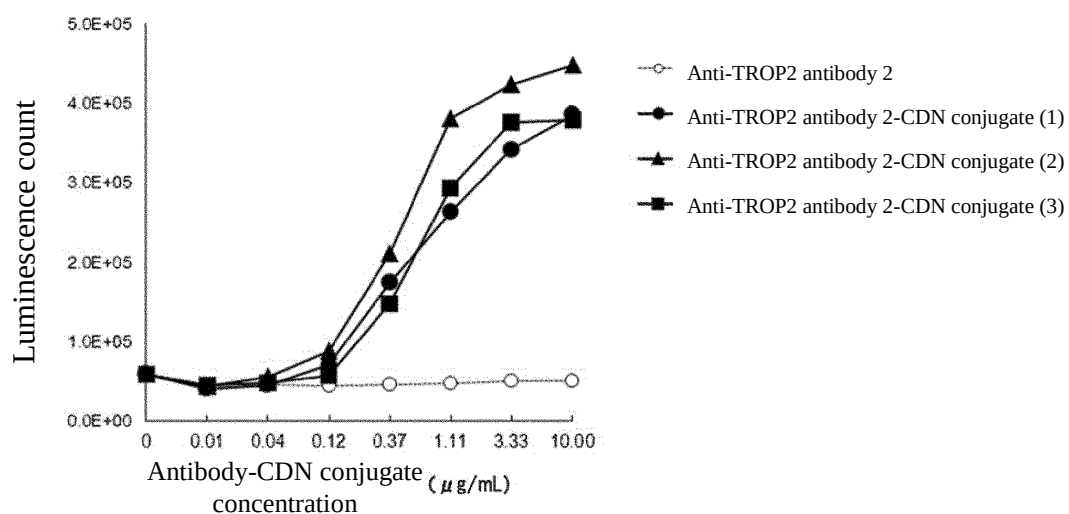
(The site of R232H mutation is underlined.)

(c) The amino acid sequence of human STING HAQ mutant (R71H, G230A, R293Q) (SEQ ID NO: 17)

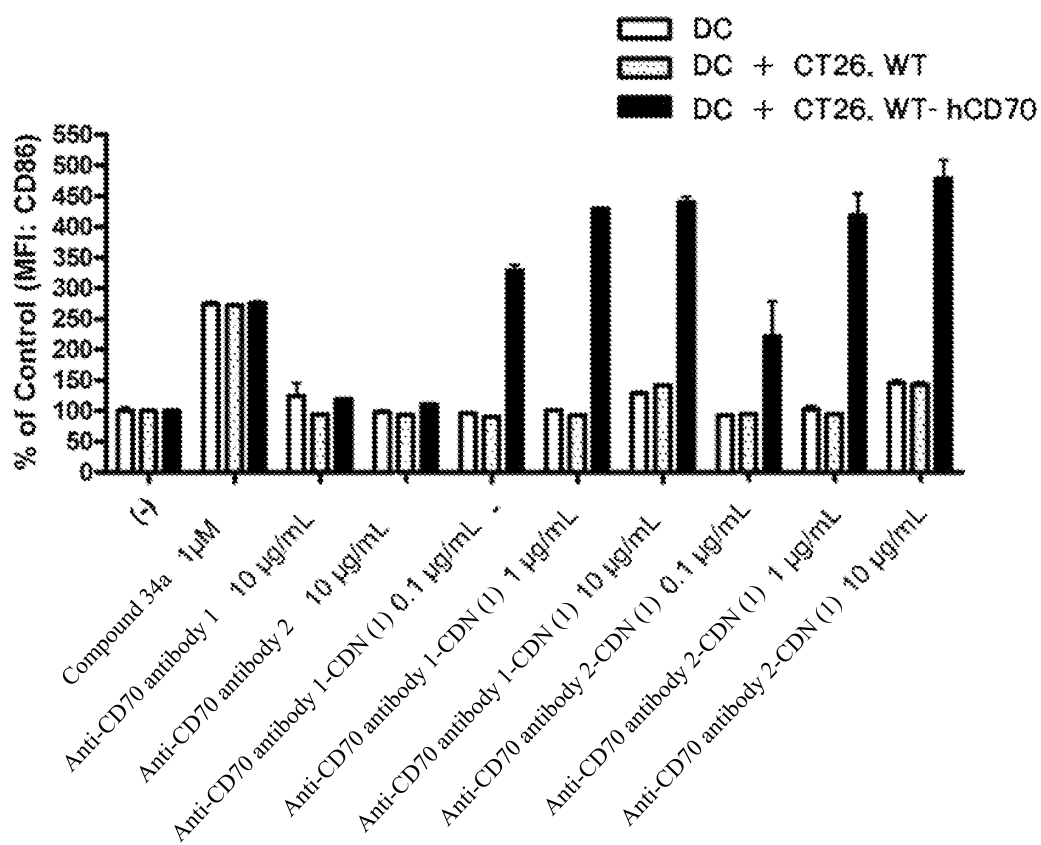
MPHSSLHPSIPCPRGHGAQKAALVLLSACLVTWGLGEPPEHTLRYLVLHLASLQLGLLL
 NGVCSLAEELHHIHSRYRGSYWRTVRACLGCP^LRRGALLLLSIYFYSLPNAVGP^PFTW
 MLALLGLSQALNILLGLKGLAPAEISAVCEKGNFNVAHGLAWSYYIGYLRLILPELQARI
 RTYNQHYNLLRGAVSQRLYILLPLDCGVPDNL^SMADPNIRFLDKLPQQTADRAGIKDR
 VYSNSIYELLENGQRAGTCVLEYATPLQTLFAMSQYSQAGFSREDRLEQAKLFCQTLED
 ILADAPESQNNCRLIAYQEPADDSSFSLSQEVLRHLRQEEKEEVTGSLKTSAVPSTSTM
 SQEPELLISGMEKPLPLRTDFS

(The three underlines indicate the sites of R71H, G230A, and R293Q mutations, respectively.)

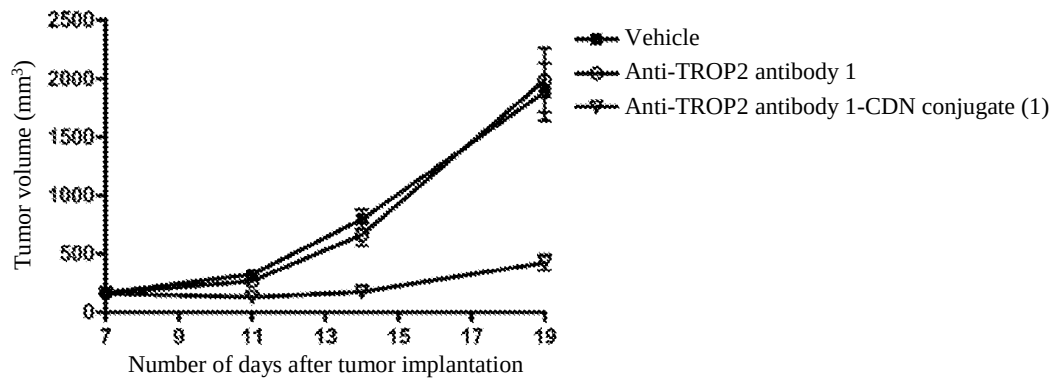
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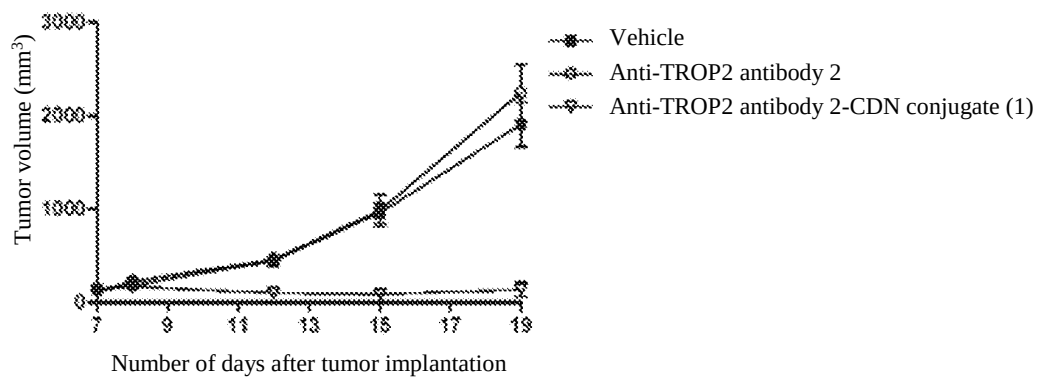
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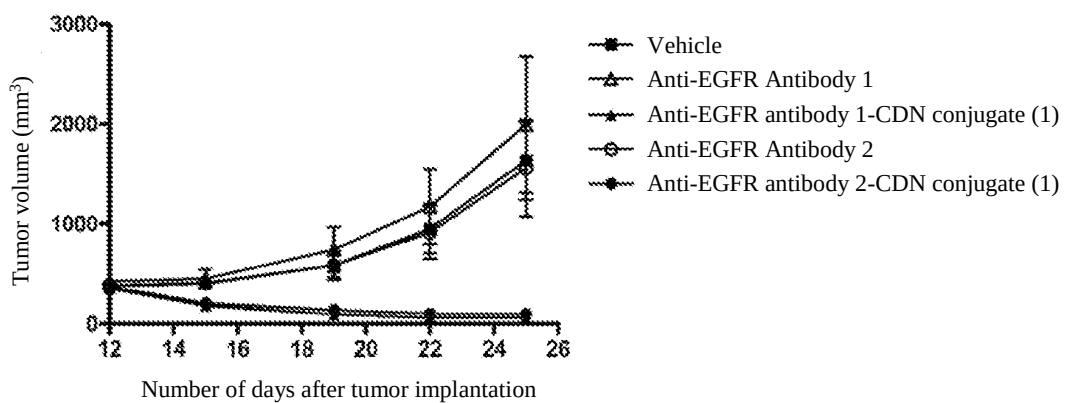
[Figure 13]



[Figure 14]



[Figure 15]



[Figure 16]

The amino acid sequence of CDRL1 of anti-CD70 antibody 1 (SEQ ID NO: 35)

RASKSVSTSGYSFMH

The amino acid sequence of CDRL2 of anti-CD70 antibody 1 (SEQ ID NO: 36)

LASNLES

The amino acid sequence of CDRL3 of anti-CD70 antibody 1 (SEQ ID NO: 37)

QHSREVPWT

The amino acid sequence of CDRH1 of anti-CD70 antibody 1 (SEQ ID NO: 38)

GYTFTNYGMN

The amino acid sequence of CDRH2 of anti-CD70 antibody 1 (SEQ ID NO: 39)

WINTYTGEPYADAFKG

The amino acid sequence of CDRH3 of anti-CD70 antibody 1 (SEQ ID NO: 40)

DYGDYGMDY

[Figure 17]

The amino acid sequence of CDRL1 of anti-CD70 antibody 2 (SEQ ID NO: 41)

RASQSVSSYLA

The amino acid sequence of CDRL2 of anti-CD70 antibody 2 (SEQ ID NO: 42)

DASNRAT

The amino acid sequence of CDRL3 of anti-CD70 antibody 2 (SEQ ID NO: 43)

QQRTNWPLT

The amino acid sequence of CDRH1 of anti-CD70 antibody 2 (SEQ ID NO: 44)

SYIMH

The amino acid sequence of CDRH2 of anti-CD70 antibody 2 (SEQ ID NO: 45)

VISYDGRNKYYADSVKG

The amino acid sequence of CDRH3 of anti-CD70 antibody 2 (SEQ ID NO: 46)

DTDGYDFDY

[Figure 18]

The amino acid sequence of CDRL1 of anti-TROP2 antibody 1 (SEQ ID NO: 47)

KASQDVSTAVA

The amino acid sequence of CDRL2 of anti-TROP2 antibody 1 (SEQ ID NO: 48)

SASYRYT

The amino acid sequence of CDRL3 of anti-TROP2 antibody 1 (SEQ ID NO: 49)

QQHYITPLT

The amino acid sequence of CDRH1 of anti-TROP2 antibody 1 (SEQ ID NO: 50)

TAGMQ

The amino acid sequence of CDRH2 of anti-TROP2 antibody 1 (SEQ ID NO: 51)

WINTHSGVPKYAEDFKG

The amino acid sequence of CDRH3 of anti-TROP2 antibody 1 (SEQ ID NO: 52)

SGFGSSYWYFDV

[Figure 19]

The amino acid sequence of CDRL1 of anti-TROP2 antibody 2 (SEQ ID NO: 53)

KASQDVSTAVA

The amino acid sequence of CDRL2 of anti-TROP2 antibody 2 (SEQ ID NO: 54)

SASYRYT

The amino acid sequence of CDRL3 of anti-TROP2 antibody 2 (SEQ ID NO: 55)

QQHYITPLT

The amino acid sequence of CDRH1 of anti-TROP2 antibody 2 (SEQ ID NO: 56)

TAGMQ

The amino acid sequence of CDRH2 of anti-TROP2 antibody 2 (SEQ ID NO: 57)

WINTHSGVPKYAEDFKG

The amino acid sequence of CDRH3 of anti-TROP2 antibody 2 (SEQ ID NO: 58)

SGFGSSYWYFDV

[Figure 20]

The amino acid sequence of CDRL1 of anti-EGFR antibody 1 (SEQ ID NO: 59)

QASQDISNYLN

The amino acid sequence of CDRL2 of anti-EGFR antibody 1 (SEQ ID NO: 60)

DASNLET

The amino acid sequence of CDRL3 of anti-EGFR antibody 1 (SEQ ID NO: 61)

QHFDHLPLA

The amino acid sequence of CDRH1 of anti-EGFR antibody 1 (SEQ ID NO: 62)

SGDYWT

The amino acid sequence of CDRH2 of anti-EGFR antibody 1 (SEQ ID NO: 63)

GHIYYSGNTNYPNPSLKS

The amino acid sequence of CDRH3 of anti-EGFR antibody 1 (SEQ ID NO: 64)

DRVTGAFDI

[Figure 21]

The amino acid sequence of CDRL1 of anti-EGFR antibody 2 (SEQ ID NO: 65)

HSSQDINSNIG

The amino acid sequence of CDRL2 of anti-EGFR antibody 2 (SEQ ID NO: 66)

HGTNLDD

The amino acid sequence of CDRL3 of anti-EGFR antibody 2 (SEQ ID NO: 67)

VQYAQFPWT

The amino acid sequence of CDRH1 of anti-EGFR antibody 2 (SEQ ID NO: 68)

GYSITSDFAWN

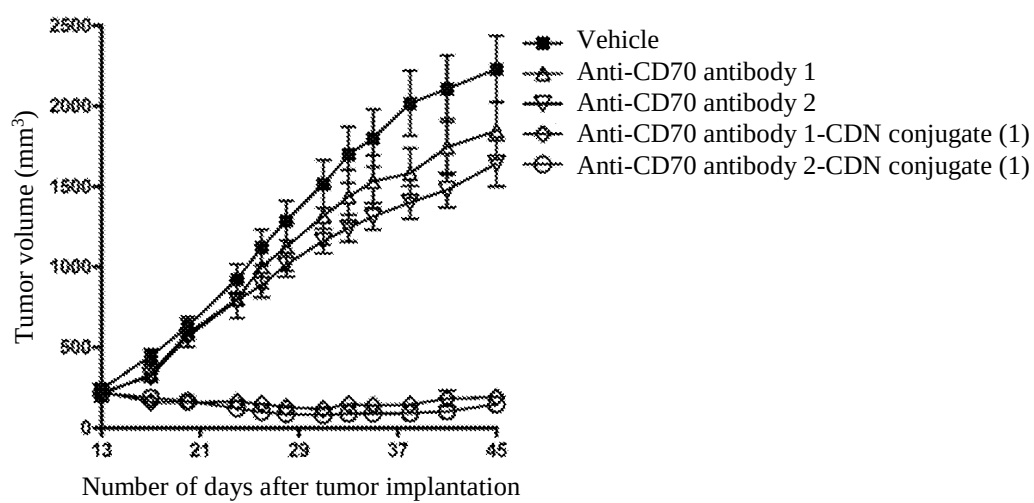
The amino acid sequence of CDRH2 of anti-EGFR antibody 2 (SEQ ID NO: 69)

GYISYSGNTRYNPSLK

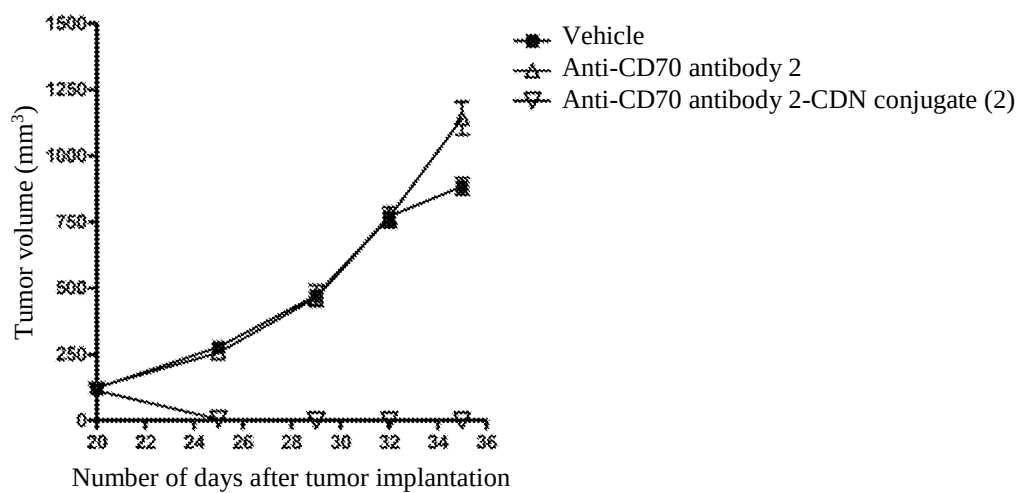
The amino acid sequence of CDRH3 of anti-EGFR antibody 2 (SEQ ID NO: 70)

VTAGRGFPY

[Figure 22]



[Figure 23]



[Figure 24]

