[Figure 1]

SEQ ID No: 1 - Amino acid sequence of a heavy chain of the anti-HER2 antibody

EVQLVESGGGLVQPGGSLRLSCAASGFNIKDTYIHWVR
QAPGKGLEWVARIYPTNGYTRYADSVKGRFTISADTSK
NTAYLQMNSLRAEDTAVYYCSRWGGDGFYAMDYWGQGT
LVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDY
FPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVT
VPSSSLGTQTYICNVNHKPSNTKVDKKVEPKSCDKTHT
CPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVV
VDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYR
VVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKA
KGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDI
AVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKS
RWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK

[Figure 2]

SEQ ID No: 2 - Amino acid sequence of a light chain of the anti-HER2 antibody

DIQMTQSPSSLSASVGDRVTITCRASQDVNTAVAWYQQ
KPGKAPKLLIYSASFLYSGVPSRFSGSRSGTDFTLTIS
SLQPEDFATYYCQQHYTTPPTFGQGTKVEIKRTVAAPS
VFIFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDN
ALQSGNSQESVTEQDSKDSTYSLSSTLTLSKADYEKHK
VYACEVTHQGLSSPVTKSFNRGEC

[Figure 3]

SEQ ID No: 3 - Amino acid sequence of a heavy chain of the anti-HER3 antibody

QVQLQQWGAGLLKPSETLSLTCAVYGGSFSGYYWSWIR
QPPGKGLEWIGEINHSGSTNYNPSLKSRVTISVETSKN
QFSLKLSSVTAADTAVYYCARDKWTWYFDLWGRGTLVT
VSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPE
PVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPS
SSLGTQTYICNVNHKPSNTKVDKRVEPKSCDKTHTCPP
CPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDV
SHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVS
VLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQ
PREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVE
WESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQ
QGNVFSCSVMHEALHNHYTQKSLSLSPGK

[Figure 4]

SEQ ID No: 4 - Amino acid sequence of a light chain of the anti-HER3 antibody

DIEMTQSPDSLAVSLGERATINCRSSQSVLYSSSNRNY
LAWYQQNPGQPPKLLIYWASTRESGVPDRFSGSGSGTD
FTLTISSLQAEDVAVYYCQQYYSTPRTFGQGTKVEIKR
TVAAPSVFIFPPSDEQLKSGTASVVCLLNNFYPREAKV
QWKVDNALQSGNSQESVTEQDSKDSTYSLSSTLTLSKA
DYEKHKVYACEVTHQGLSSPVTKSFNRGEC

[Figure 5]

SEQ ID No: 5 - Amino acid sequence of a heavy chain of the anti-TROP2 antibody

MKHLWFFLLLVAAPRWVLSQVQLVQSGAEVKKPGASVK
VSCKASGYTFTTAGMQWVRQAPGQGLEWMGWINTHSGV
PKYAEDFKGRVTISADTSTSTAYLQLSSLKSEDTAVYY
CARSGFGSSYWYFDVWGQGTLVTVSSASTKGPSVFPLA
PSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGV
HTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHK
PSNTKVDKRVEPKSCDKTHTCPPCPAPELLGGPSVFLF
PPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDG
VEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEY
KCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREE
MTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTP
PVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALH
NHYTQKSLSLSPGK

Signal sequence (1-19), Variable region (20-140), Constant region (141-470)

[Figure 6]

SEQ ID No: 6 - Amino acid sequence of a light chain of the anti-TROP2 antibody

MVLQTQVFISLLLWISGAYGDIQMTQSPSSLSASVGDR
VTITCKASQDVSTAVAWYQQKPGKAPKLLIYSASYRYT
GVPSRFSGSGSGTDFTLTISSLQPEDFAVYYCQQHYIT
PLTFGQGTKLEIKRTVAAPSVFIFPPSDEQLKSGTASV
VCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKD
STYSLSSTLTLSKADYEKHKVYACEVTHQGLSSPVTKS
FNRGEC

Signal sequence (1-20), Variable region (21-129), Constant region (130-234)

[Figure 7]

SEQ ID No: 7 - Amino acid sequence of a heavy chain of the anti-B7-H3 antibody

MKHLWFFLLLVAAPRWVLSQVQLVQSGAEVKKPGSSVK
VSCKASGYTFTNYVMHWVRQAPGQGLEWMGYINPYNDD
VKYNEKFKGRVTITADESTSTAYMELSSLRSEDTAVYY
CARWGYYGSPLYYFDYWGQGTLVTVSSASTKGPSVFPL
APSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSG
VHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNH
KPSNTKVDKRVEPKSCDKTHTCPPCPAPELLGGPSVFL
FPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVD
GVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKE
YKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRE
EMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTT
PPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEAL
HNHYTQKSLSLSPGK

Signal sequence (1-19), Variable region (20-141), Constant region (142-471)

[Figure 8]

SEQ ID No: 8 - Amino acid sequence of a light chain of the anti-B7-H3 antibody

MVLQTQVFISLLLWISGAYGEIVLTQSPATLSLSPGER
ATLSCRASSRLIYMHWYQQKPGQAPRPLIYATSNLASG
IPARFSGSGSGTDFTLTISSLEPEDFAVYYCQQWNSNP
PTFGQGTKVEIKRTVAAPSVFIFPPSDEQLKSGTASVV
CLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDS
TYSLSSTLTLSKADYEKHKVYACEVTHQGLSSPVTKSF
NRGEC

Signal sequence (1-20), Variable region (21-128), Constant region (129-233)

[Figure 9]

SEQ ID NO: 9 - Amino acid sequence of a heavy chain of the anti-GPR20 antibody

MKHLWFFLLLVAAPRWVLSEVQLVQSGAEVKKPGASVK
VSCKASGYTFTSYYISWIRQAPGQGLKYMGFINPGSGH
TNYNEKFKGRVTITADKSSSTATMELSSLRSEDTAVYY
CARGAGGFLRIITKFDYWGQGTLVTVSSASTKGPSVFP
LAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTS
GVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVN
HKPSNTKVDKRVEPKSCDKTHTCPPCPAPELLGGPSVF
LFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYV
DGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGK
EYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSR
EEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKT
TPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEA
LHNHYTQKSLSLSPGK

Signal sequence (1-19), Variable region (20-142), Constant region (143-472)

[Figure 10]

SEQ ID NO: 10 - Amino acid sequence of a light chain of the anti-GPR20 antibody

MVLQTQVFISLLLWISGAYGDTQLTQSPSSLSASVGDR
VTITCRASKSVSTYIHWYQQKPGKQPKLLIYSAGNLES
GVPSRFSGSGSGTDFTLTISSLQPEDFANYYCQQINEL
PYTFGQGTKVEIKRTVAAPSVFIFPPSDEQLKSGTASV
VCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKD
STYSLSSTLTLSKADYEKHKVYACEVTHQGLSSPVTKS
FNRGEC

Signal sequence (1-20), Variable region (21-129), Constant region (130-234)

[Figure 11]

SEQ ID NO: 11 - Amino acid sequence of a heavy chain of the anti-CDH6 antibody

MKHLWFFLLLVAAPRWVLSEVQLVQSGAEVKKPGASVK
VSCKASGYTFTRNFMHWVRQAPGQGLEWMGWIYPGDGE
TEYAQKFQGRVTITADTSTSTAYMELSSLRSEDTAVYY
CARGVYGGFAGGYFDFWGQGTLVTVSSASTKGPSVFPL
APSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSG
VHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNH
KPSNTKVDKRVEPKSCDKTHTCPPCPAPELLGGPSVFL
FPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVD
GVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKE
YKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRE
EMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTT
PPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEAL
HNHYTQKSLSLSPGK

Signal sequence (1-19), Variable region (20-141), Constant region (142-471)

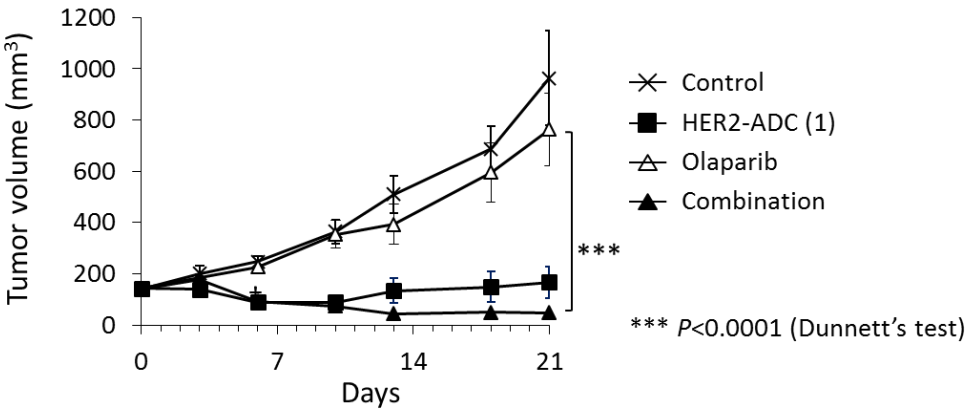
[Figure 12]

SEQ ID NO: 12 - Amino acid sequence of a light chain of the anti-CDH6 antibody

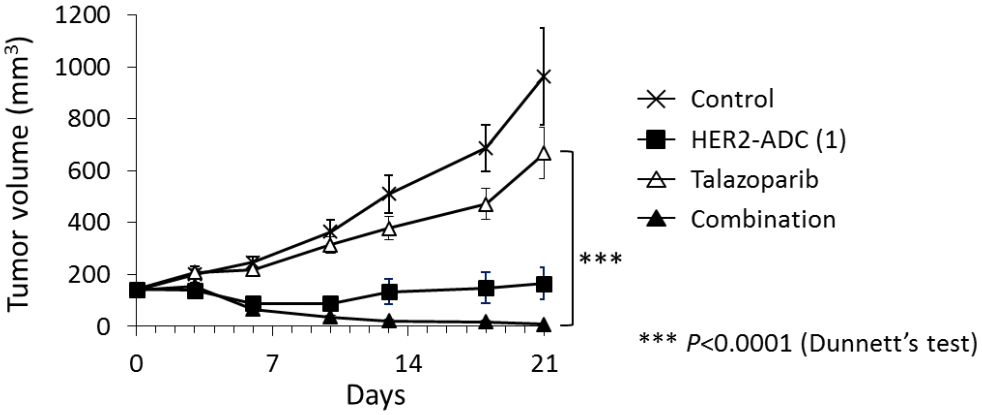
MVLQTQVFISLLLWISGAYGDIQMTQSPSSLSASVGDR
VTITCKASQNIYKNLAWYQQKPGKAPKLLIYDANTLQT
GVPSRFSGSGSGSDFTLTISSLQPEDFATYFCQQYYSG
WAFGQGTKVEIKRTVAAPSVFIFPPSDEQLKSGTASVV
CLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDS
TYSLSSTLTLSKADYEKHKVYACEVTHQGLSSPVTKSF
NRGEC

Signal sequence (1-20), Variable region (21-128), Constant region (129-233)

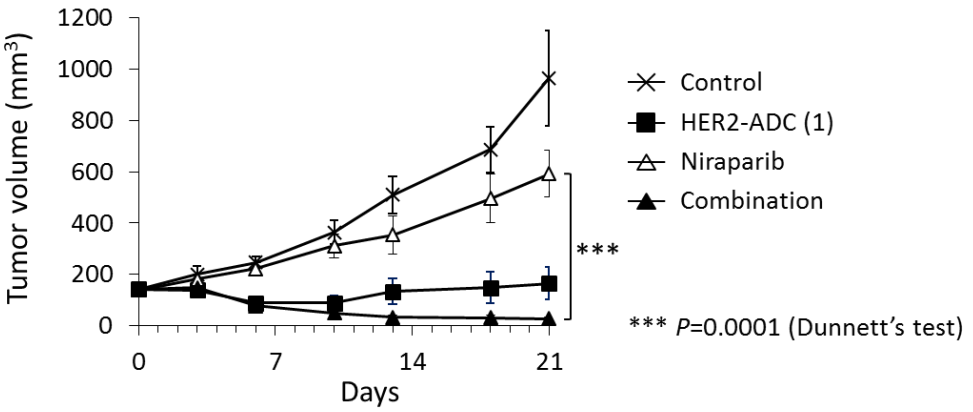
[Figure 13]



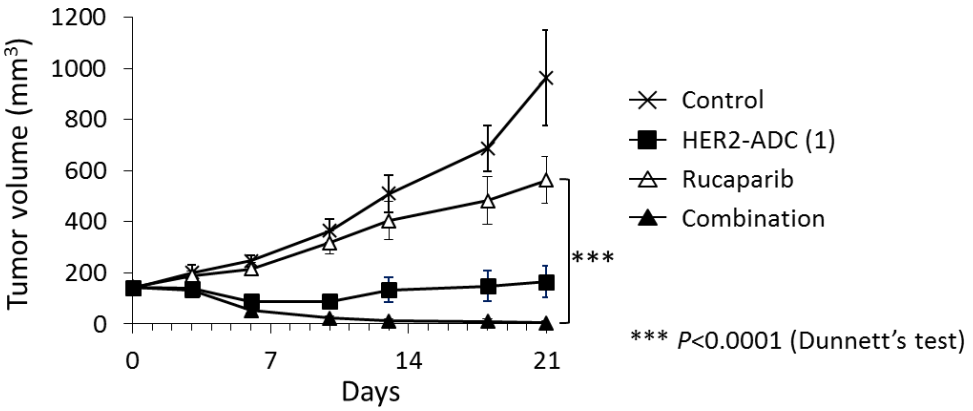

[Figure 14]



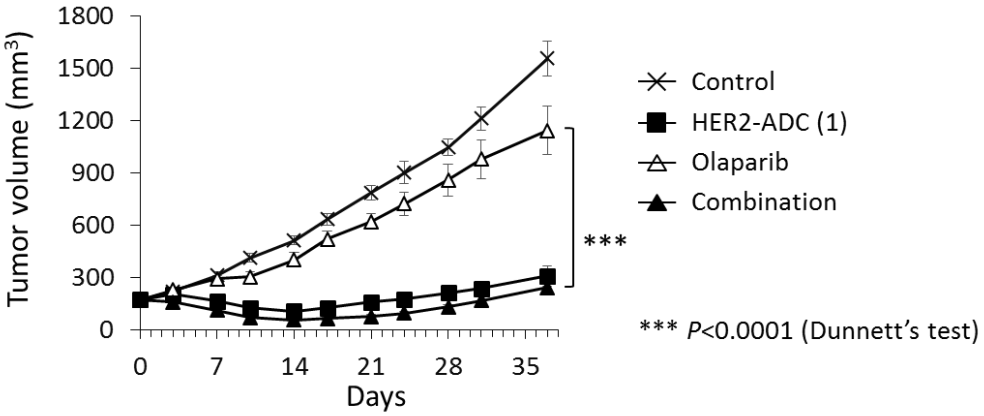

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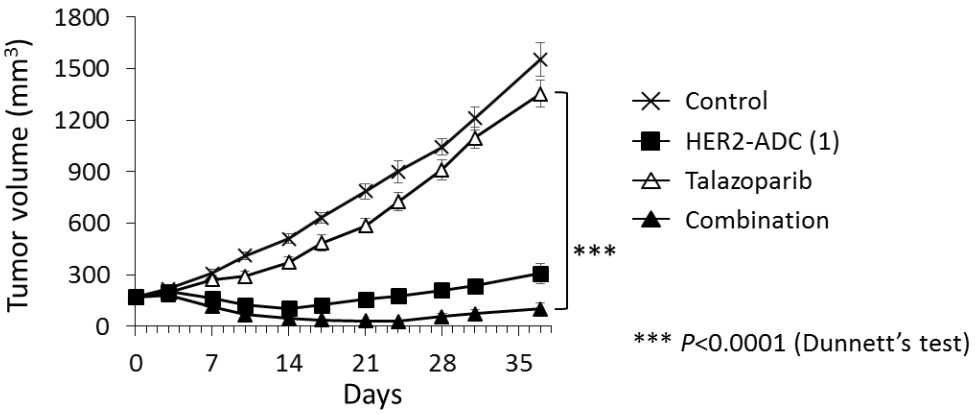
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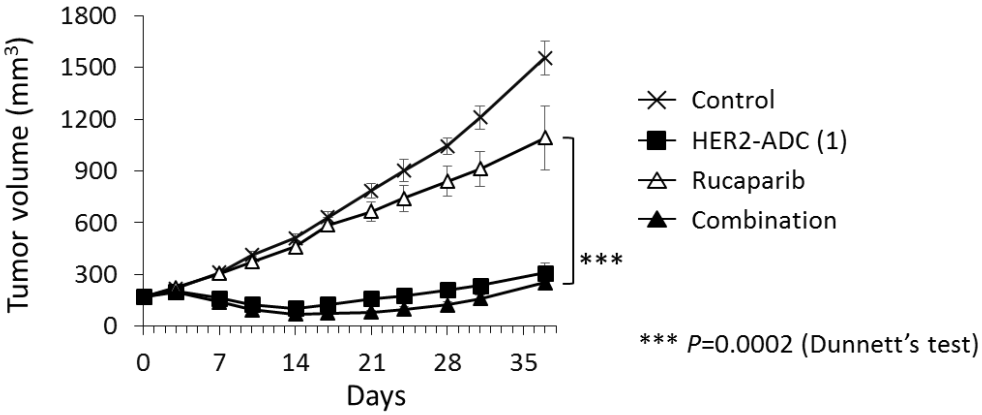

[Figure 17]



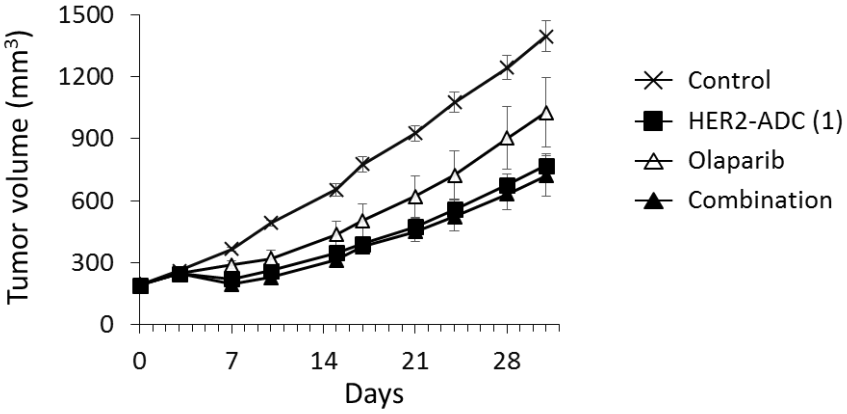

[Figure 18]



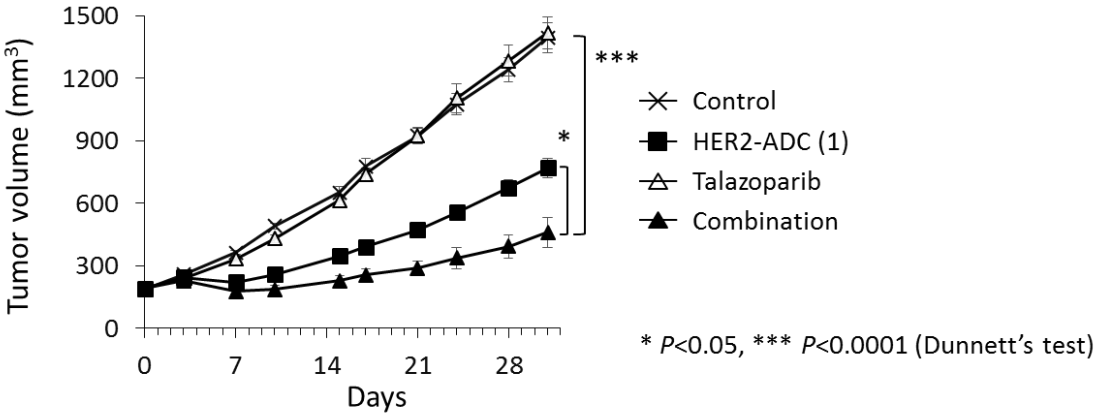
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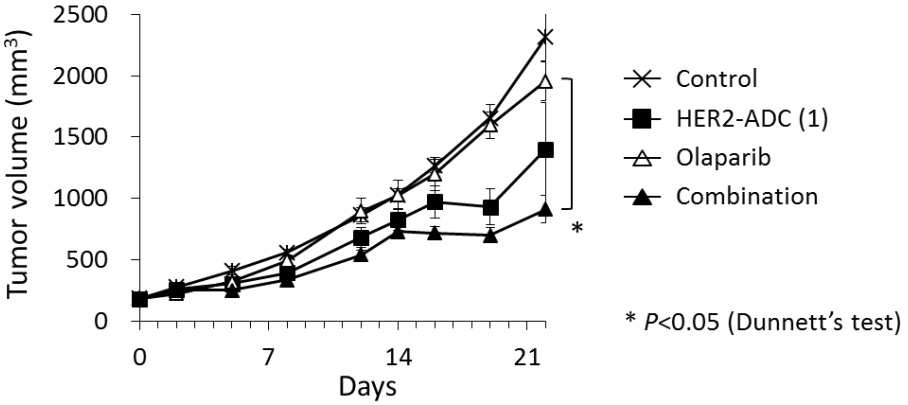

[Figure 20]



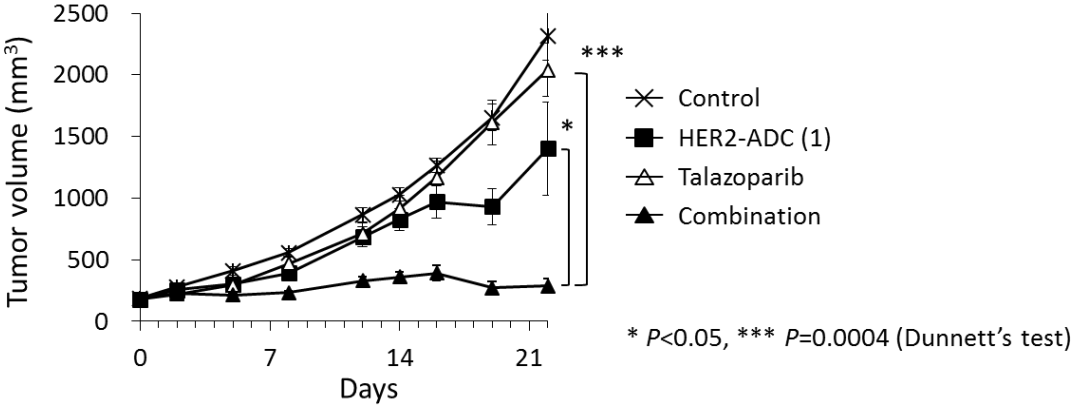

[Figure 21]



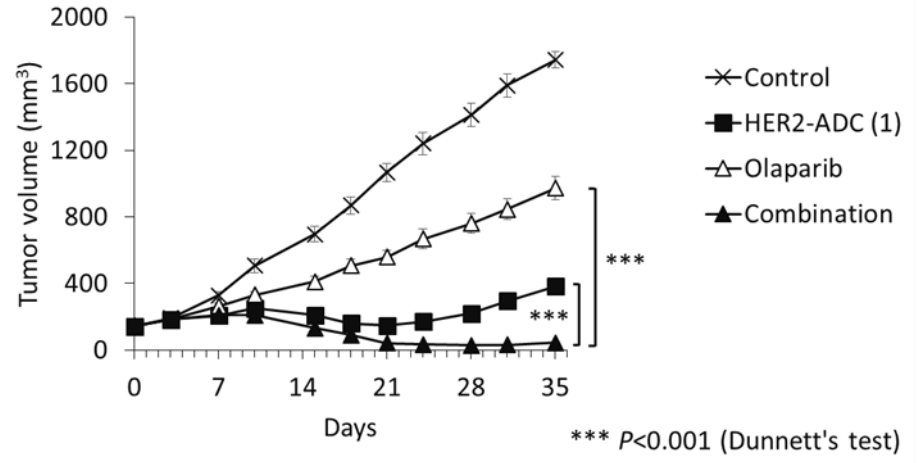
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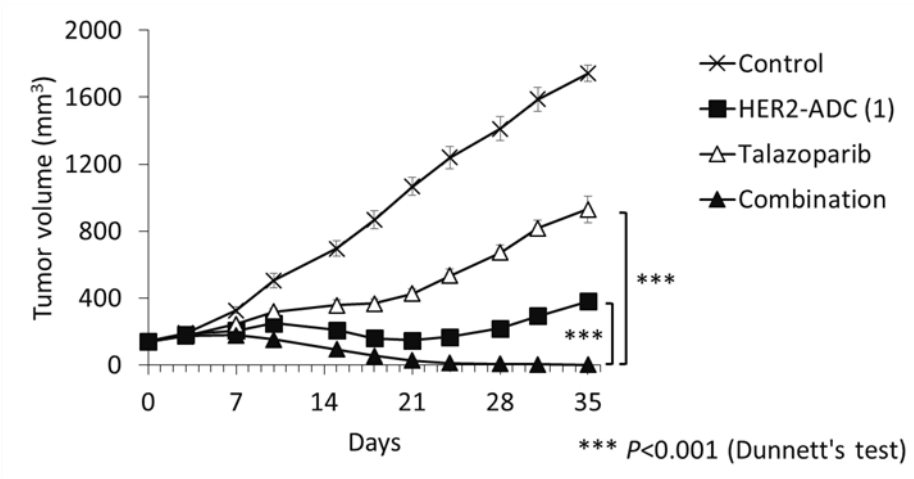

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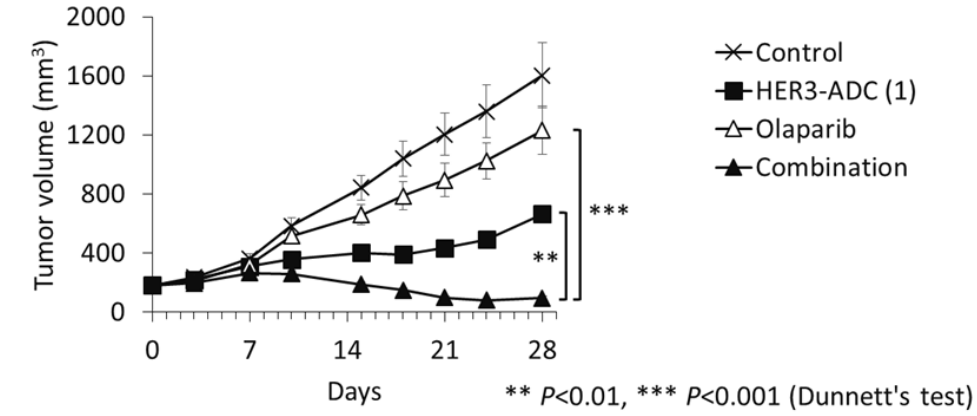

[Figure 24]



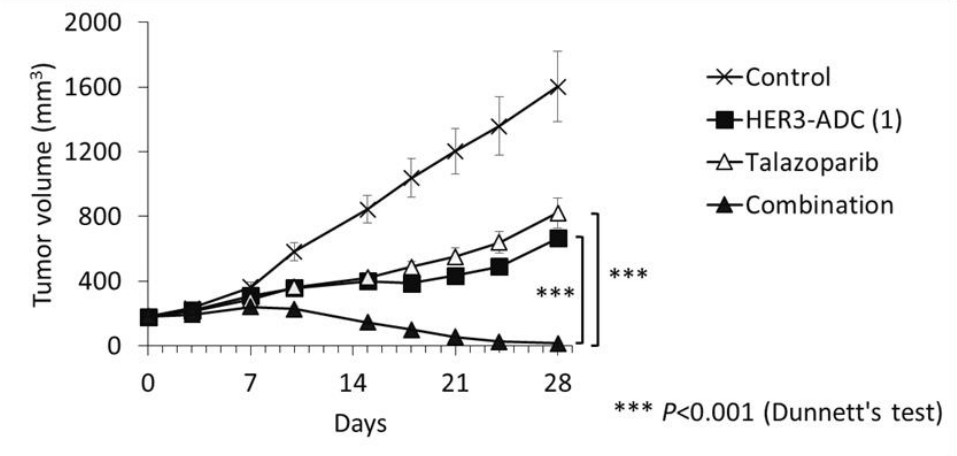
[Figure 25]



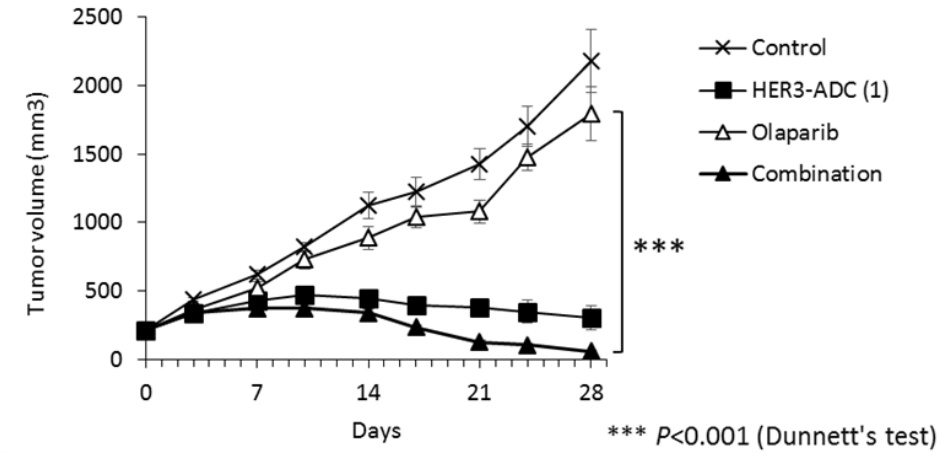

[Figure 26]



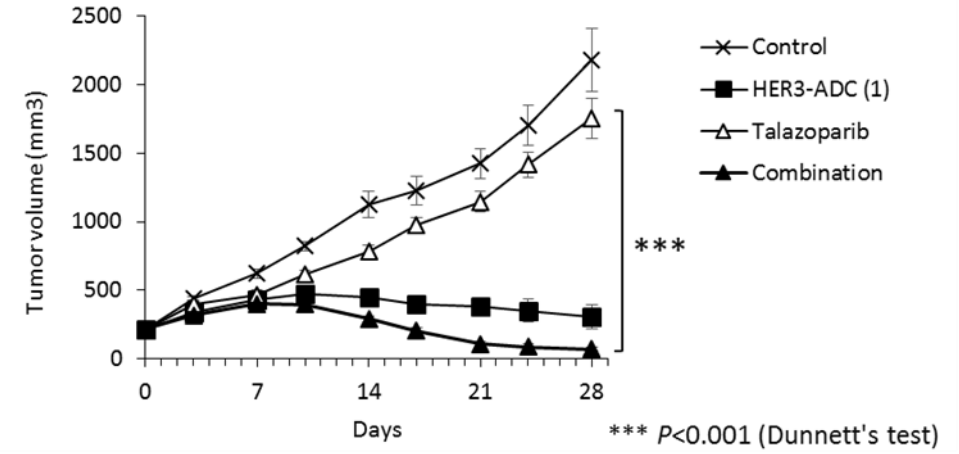

[Figure 27]



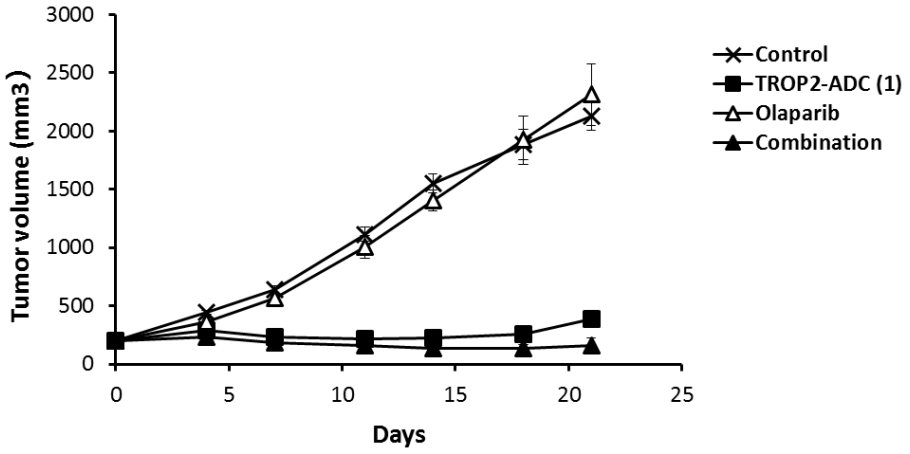
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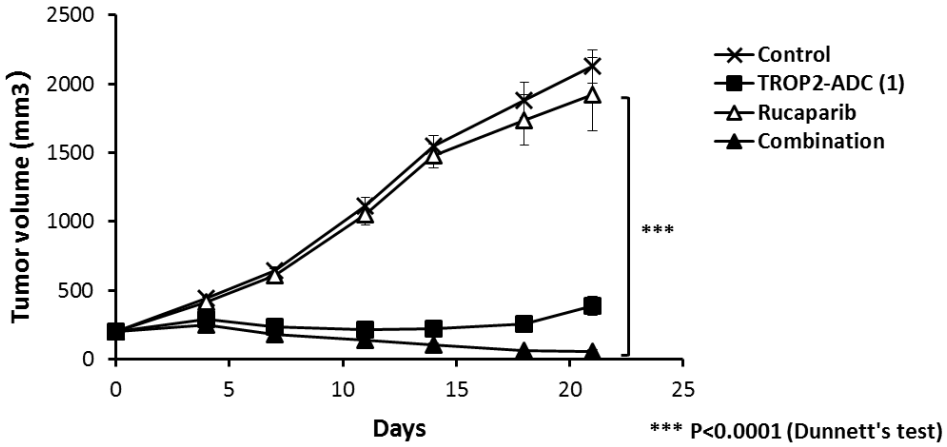

[Figure 29]



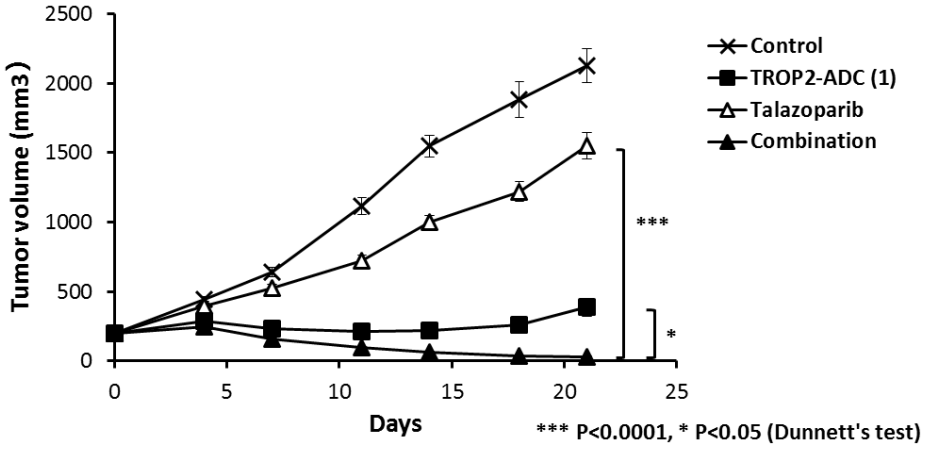

[Figure 30]



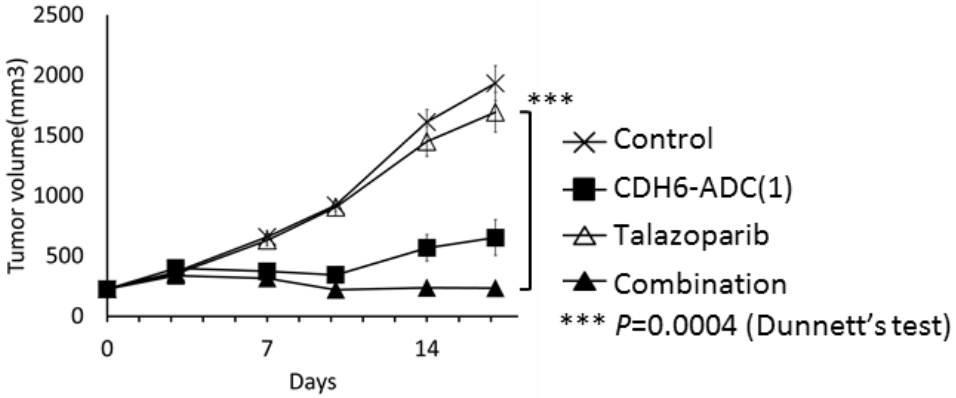
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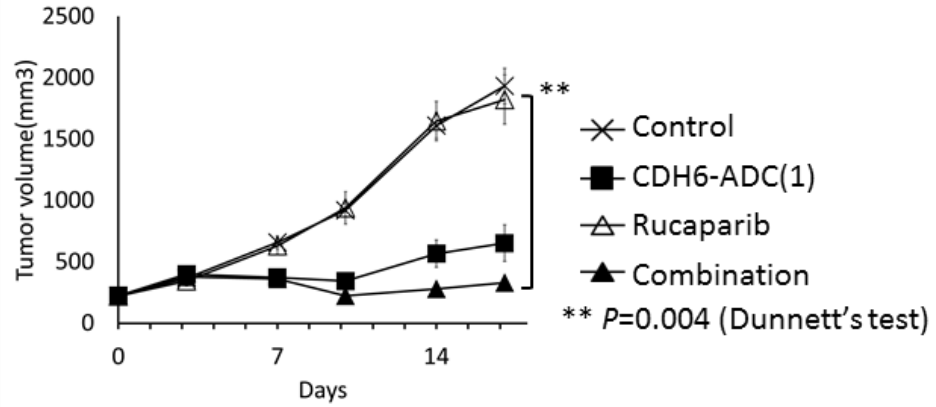

[Figure 32]



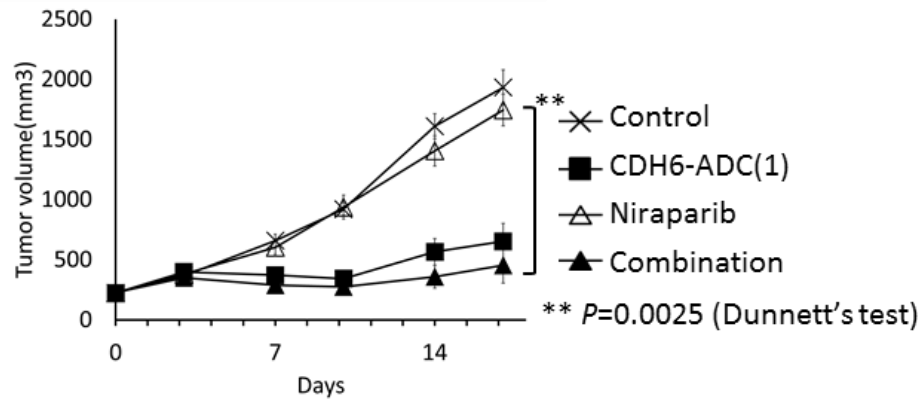

[Figure 33]



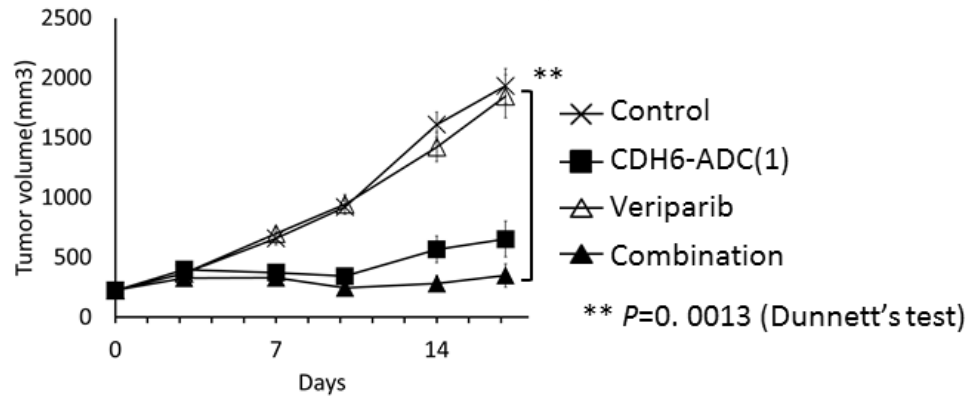
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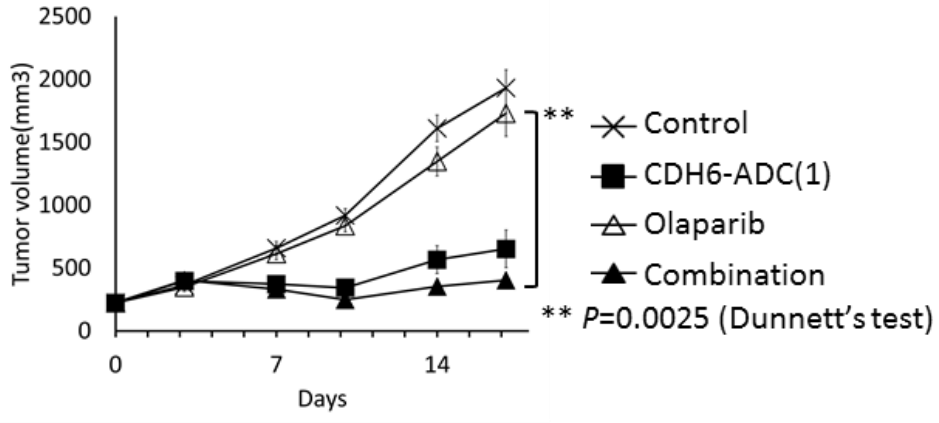

[Figure 35]




[Figure 36]



[Figure 37]


2500
2000
1500
1000
500
0
Tumor volume(mm3)
0
7
14
Days
**
Control
CDH6-ADC(1)
Olaparib
Combination
** P=0.0025 (Dunnett's test)