

FIG. 1

Description	Amino acid sequence	SEQ ID NO:
Trastuzumab Light chain (LC)	DIQMTQSPSSLSASVGDRVTITCRASQDVNTAVAWYQQKPKAPKLLIYSASFLYSGVPSRFGSRSGTDFLTITSSLPQPEDFATYYCQ QHYTPTFGQGTKVEIKRTVAAPSVFIFPPSDEQLKSGTASVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSYSLST LTLSKADYKEHKHVACEVTHQGLSPVTKSFNRGEC	1
Trastuzumab Heavy chain (HC)	EVQLVESGGGLVQPGGSLRLSCAASGFFNIKDTYIHVVYRQAPGKGLEWVARIYPTNGYTRYADSVKGRFTISADTSKNTAYLQMNSLR AEDTAVYYCSRWGGDGFYAMDYWGQGTLLTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPTVSWNSGALTSGVHTF PAVLQSSGLYSLSVAVTPSSSLGTQTYICNVNHHKPSNTKVDKVEPKSCDKTHTCPPCPAPPELLGGPSVFLFPPKPKDITLMISRTPETVC VVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVSVLTVHQDWLNGKEYCKVSNKALPAPIEKTISKAKGQPREPQ VYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNGVFSCSVMHEALHN HYTKSLSLSPG	2
T-6F7 VH	EVQLVQSGPGLVKPSETLSLTCTVSGGSDSGYYVWGWIRQPPGKLEWIGSIYIGITTYIPSLKSRVTISVDTSKNRFSLKLTSVTAADT AVYYCARQPTVAGHDAFDIWGGQGTMTVTVSS	3
Common VL	EIVLTQSPATLSLSPGERATLSCRASQSVSSYLAWYQQKPGQAPRLIYDASNRATGIPARFSGSGGTDFLTITSSLEPEDFAVYYCQQR SNWPTFGQGTKVEIK	4
E-6C4 VH	QVQLQQWGPGLVKPSQTLSTCTVSGGSINSGDYYVSWIRQPPGKLGLESIGIYYSGTYNPNPSLKSRTVISADTSKNQFSKLTSVTA ADTAVYYCARERVYSSSLDYWGQGTILTVSS	5
Common light chain constant region	RTVAAPSVFIFPPSDEQLKSGTASVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSYSLSTLTLSKADYKEHKVYACEV THQGLSPVTKSFNRGEC	6
IgG1 heavy chain constant region with knob	ASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPTVSWNSGALTSGVHTFPAVLQSSGLYSLSVAVTPSSSLGTQTYICNVNHHKPS NTKVDKVEPKSCDKTHTCPPCPAPPELLGGPSVFLFPPKPKDITLMISRTPETVCVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREE QYNSTYRVVSVLTVLHQDWLNGKEYCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPCREEMTKNQVSLWCLVKGFYPSDIAVEW ESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNGVFSCSVMHEALHNHYTQKSLSLSPGK	7
IgG1 heavy chain constant region with hole	ASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPTVSWNSGALTSGVHTFPAVLQSSGLYSLSVAVTPSSSLGTQTYICNVNHHKPS NTKVDKVEPKSCDKTHTCPPCPAPPELLGGPSVFLFPPKPKDITLMISRTPETVCVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREE QYNSTYRVVSVLTVLHQDWLNGKEYCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLCAVKGFPYPSDIAVEWE SNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNGVFSCSVMHEALHNHYTQKSLSLSPGK	8

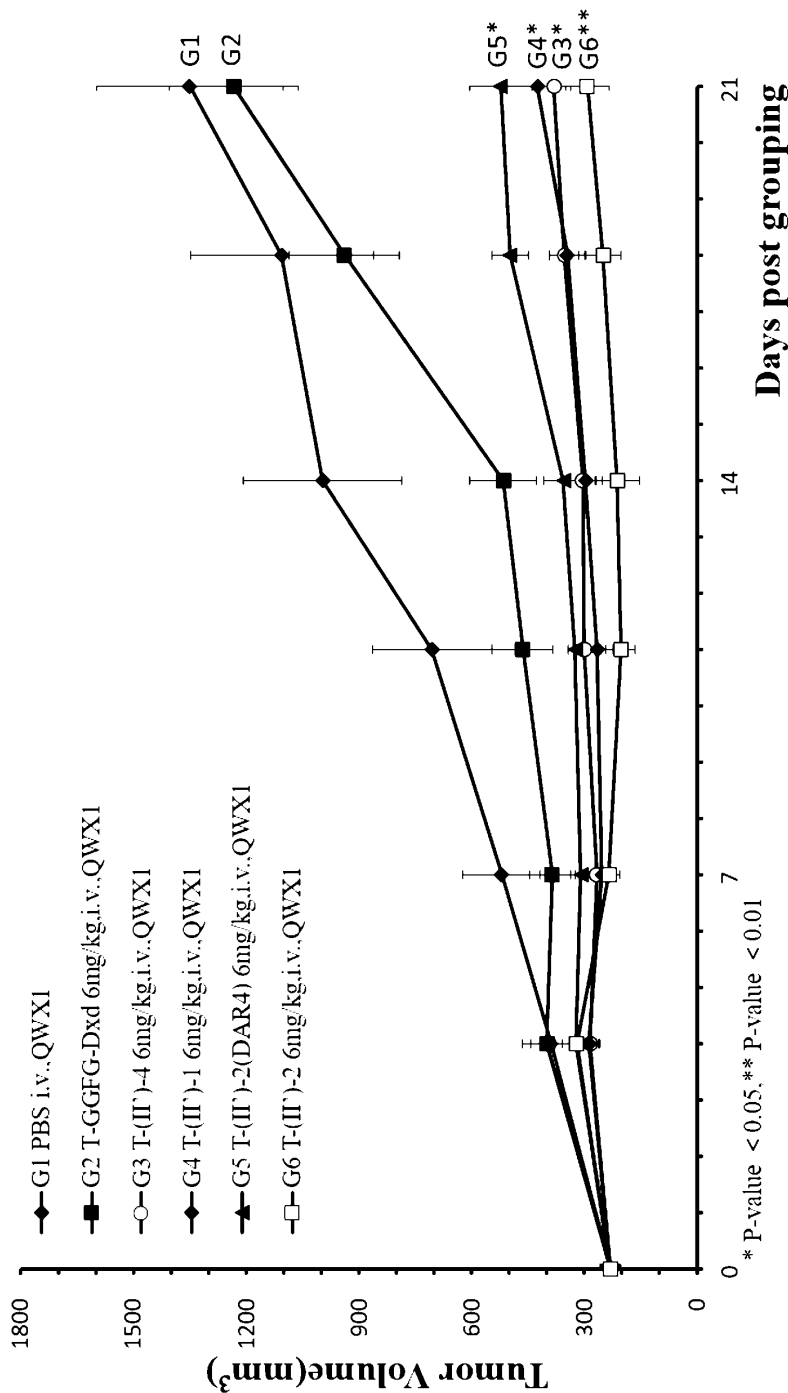


FIG. 2

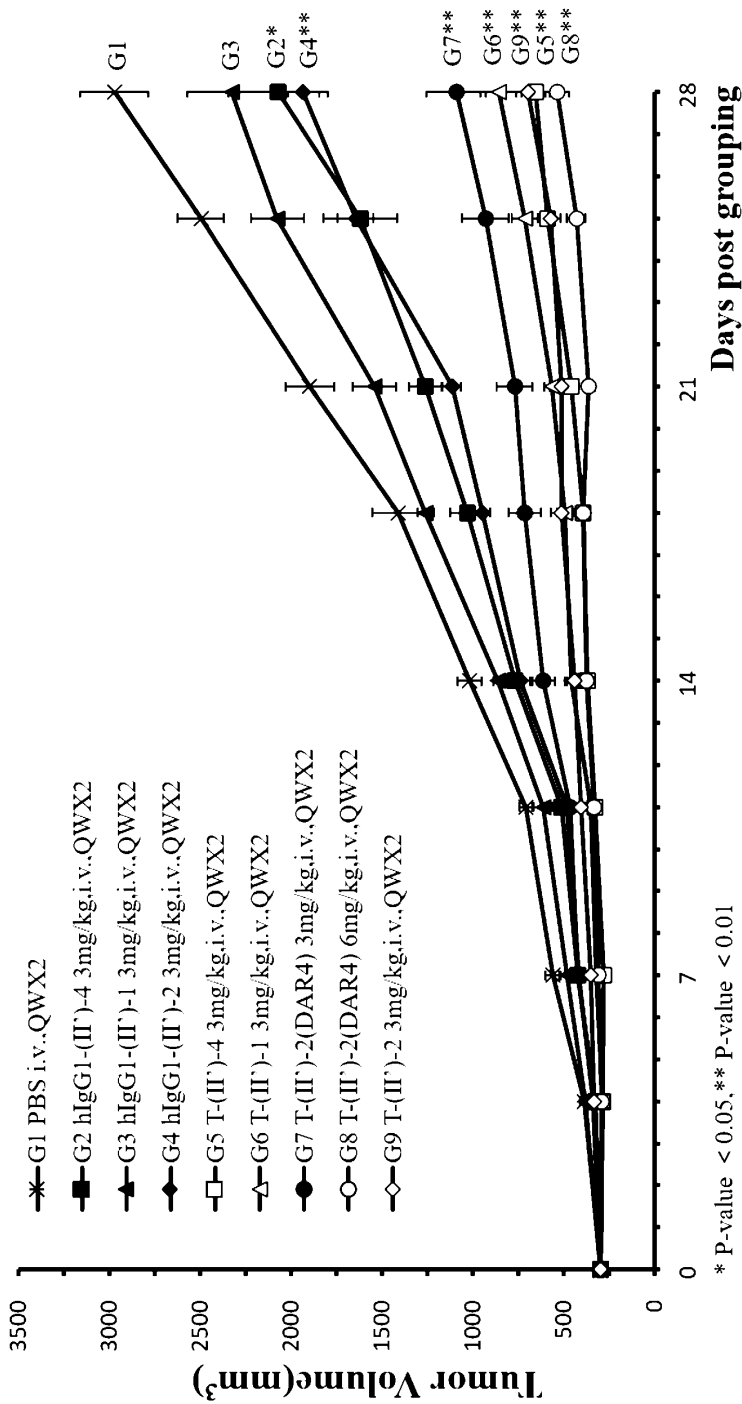


FIG. 3

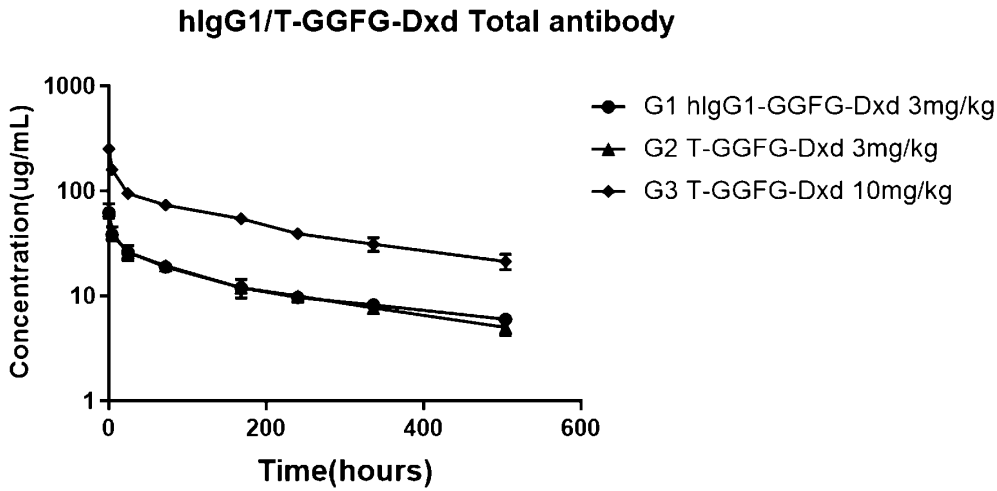


FIG. 4A

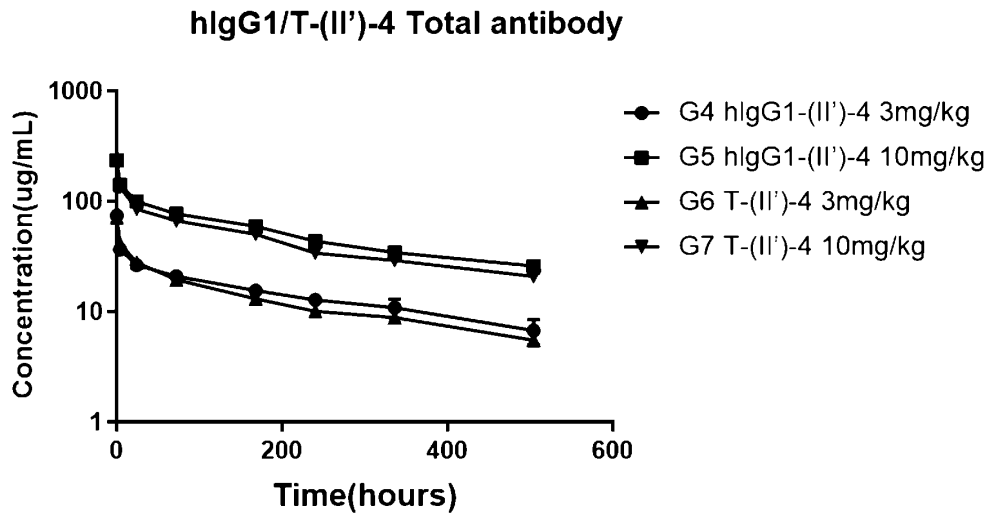


FIG. 4B

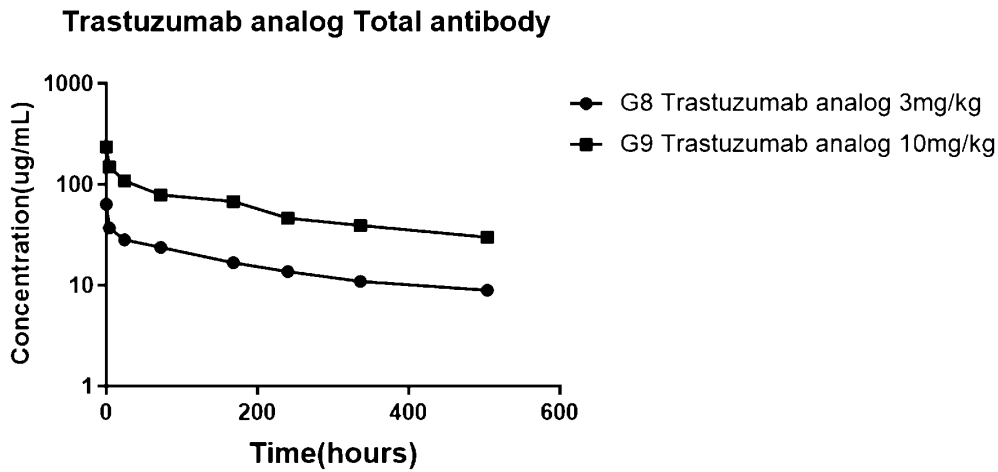


FIG. 4C

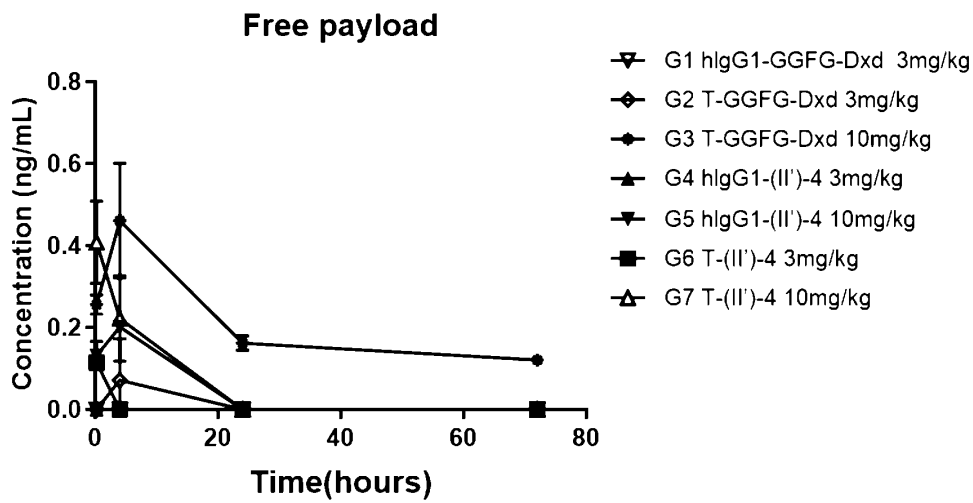


FIG. 4D

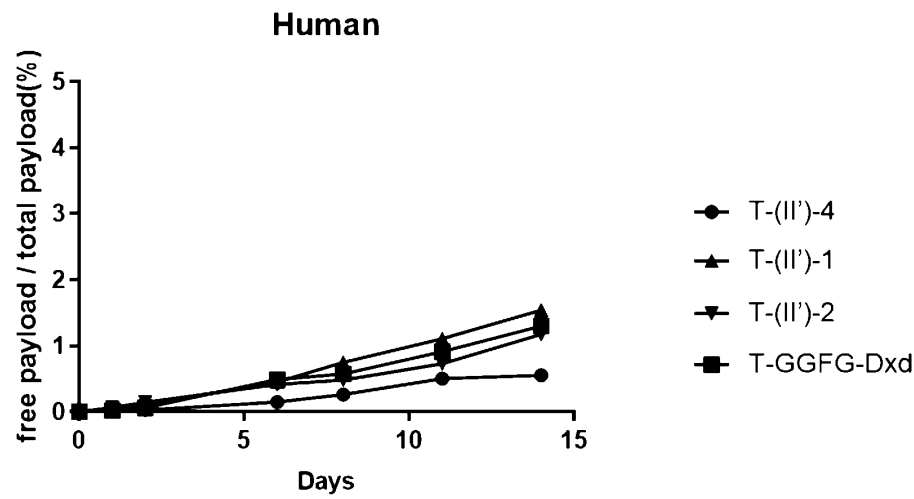


FIG. 5A

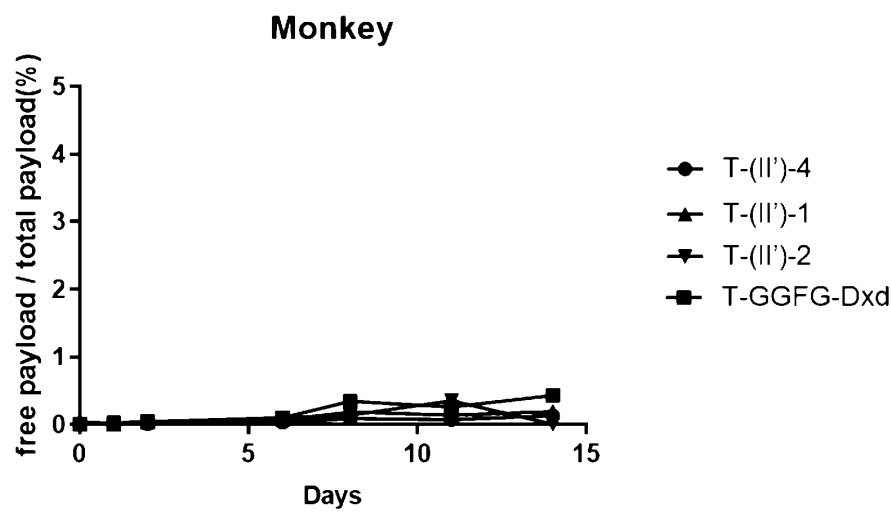


FIG. 5B

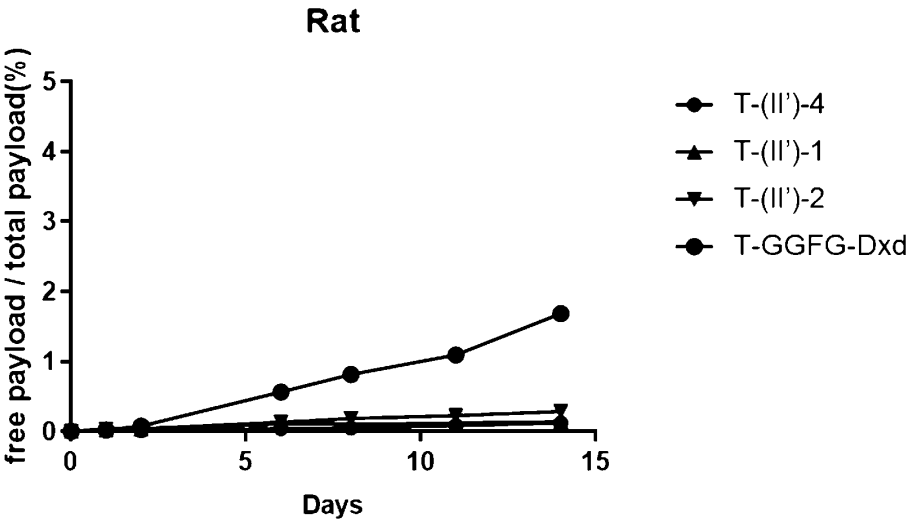


FIG. 5C

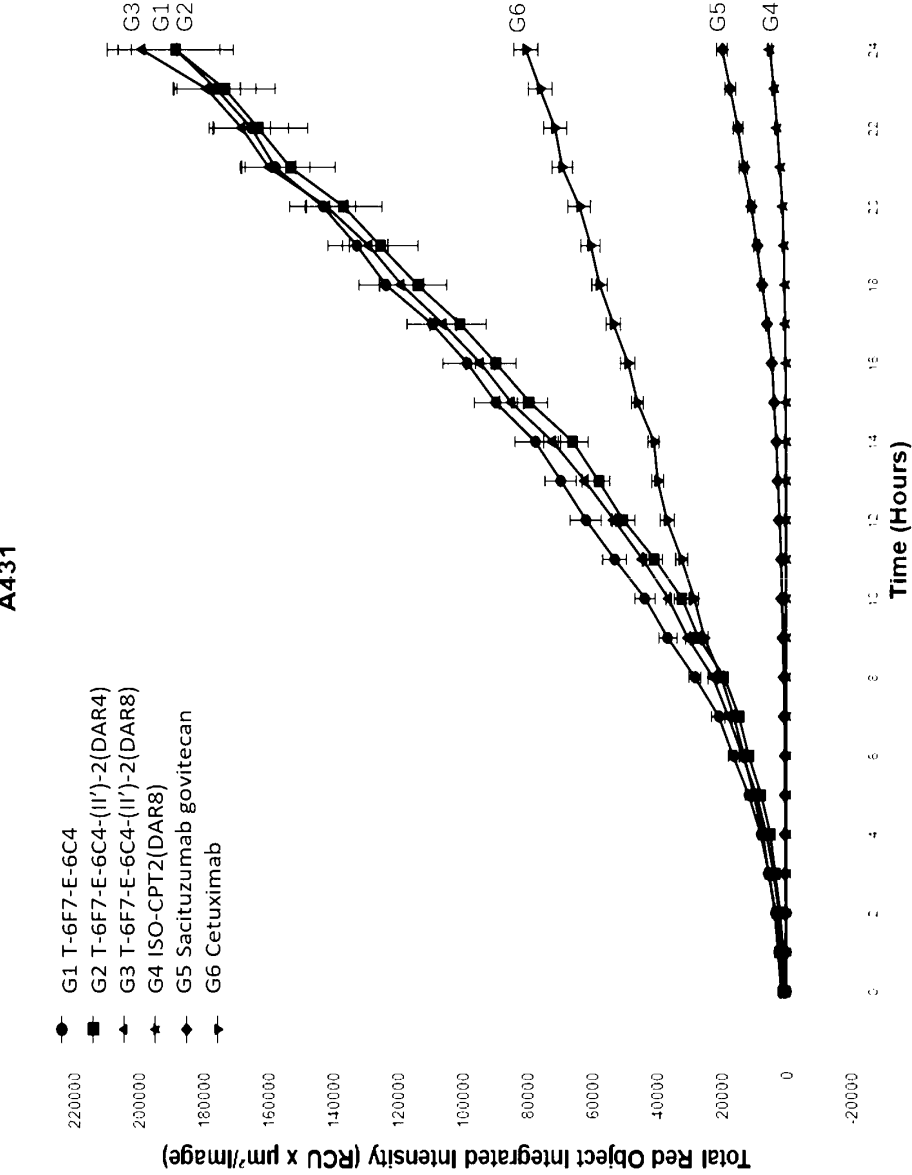


FIG. 6A

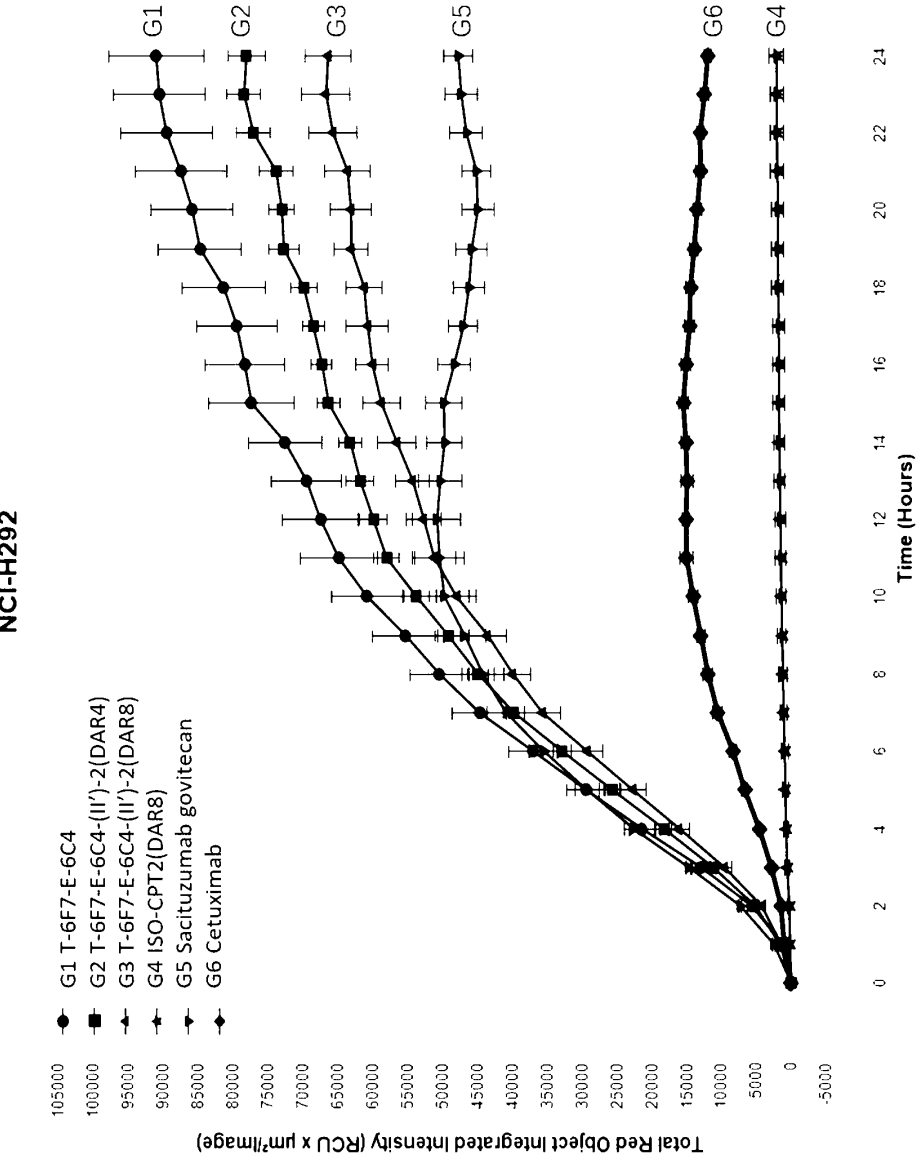


FIG. 6B

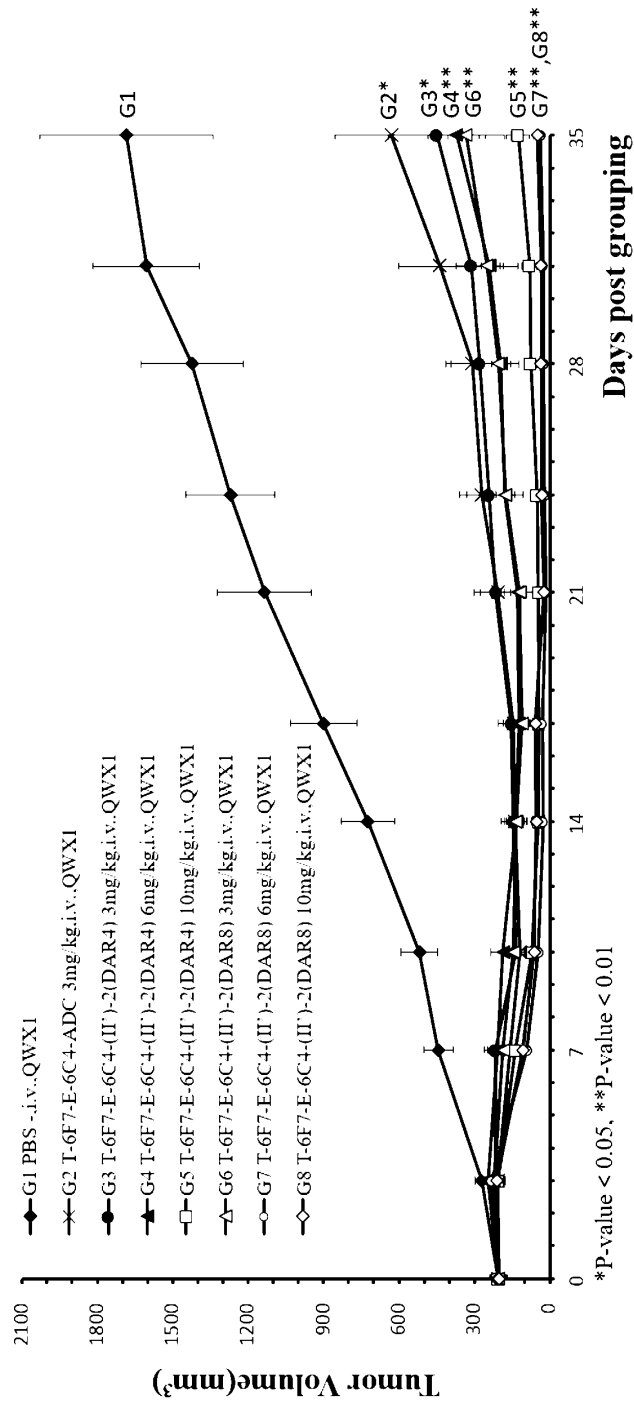


FIG. 7

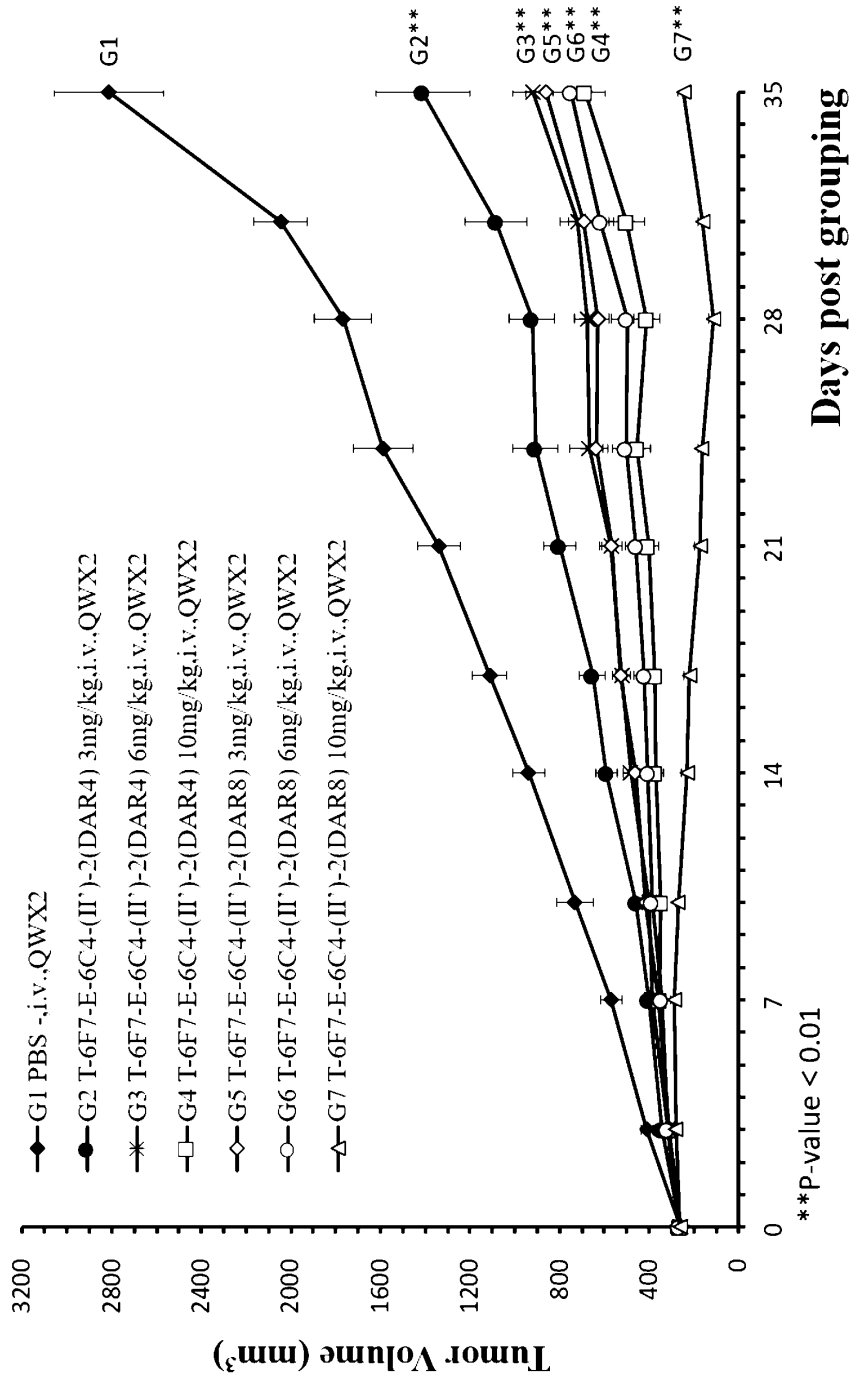


FIG. 8

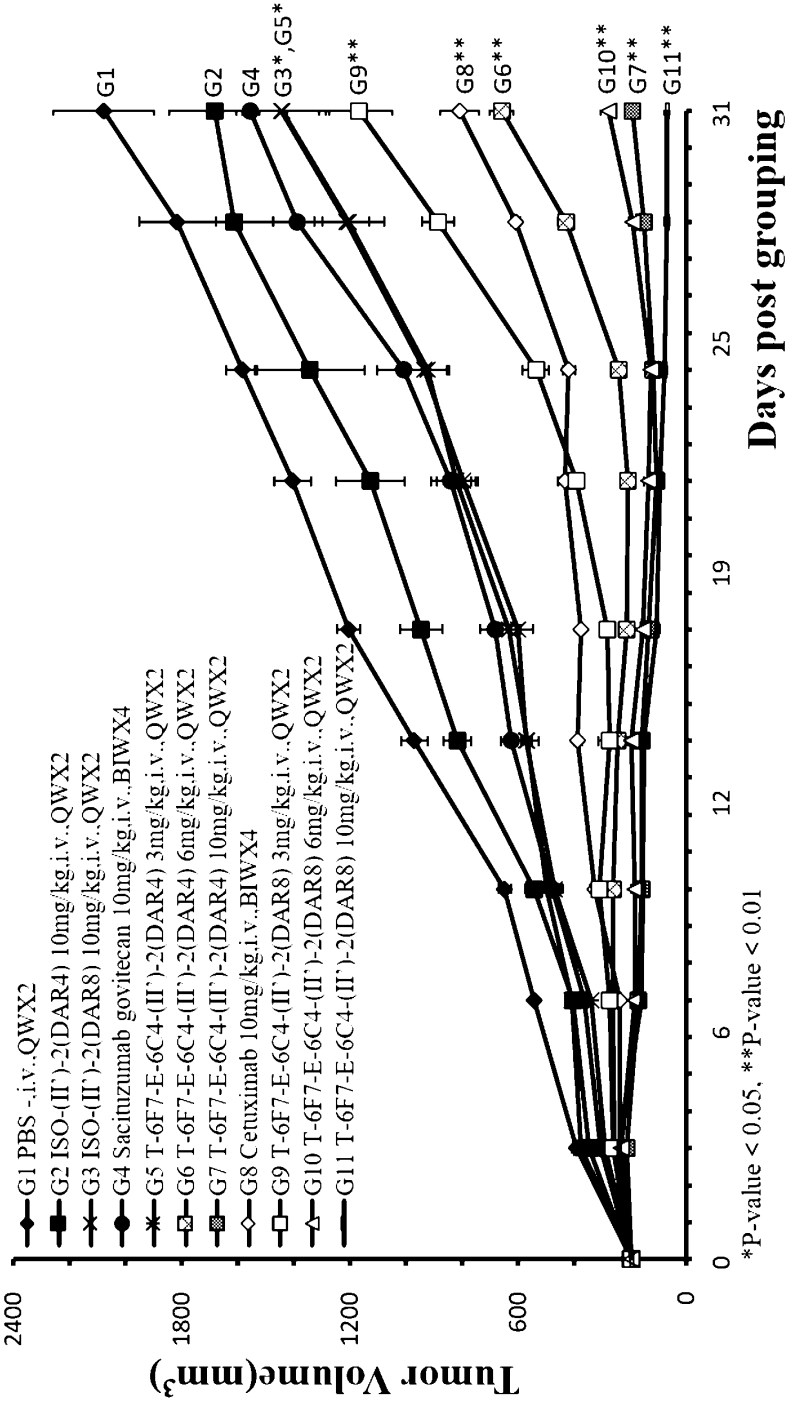


FIG. 9

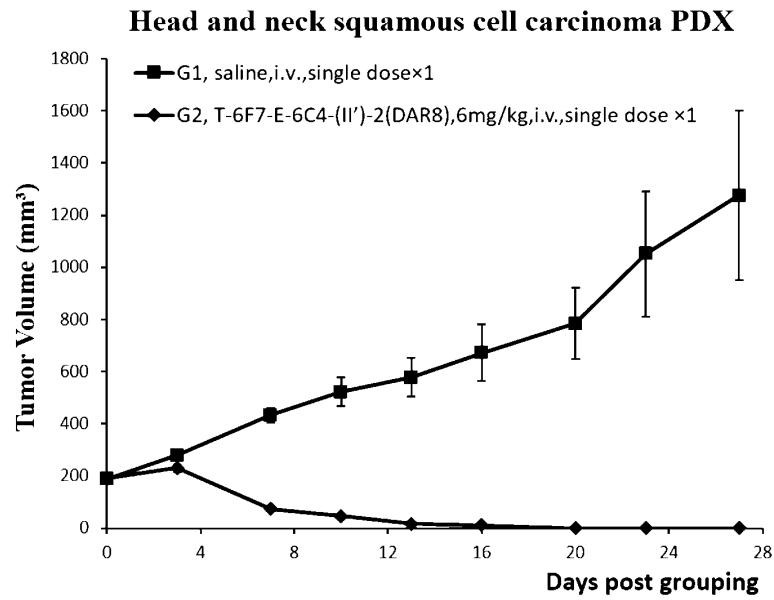


FIG. 10A

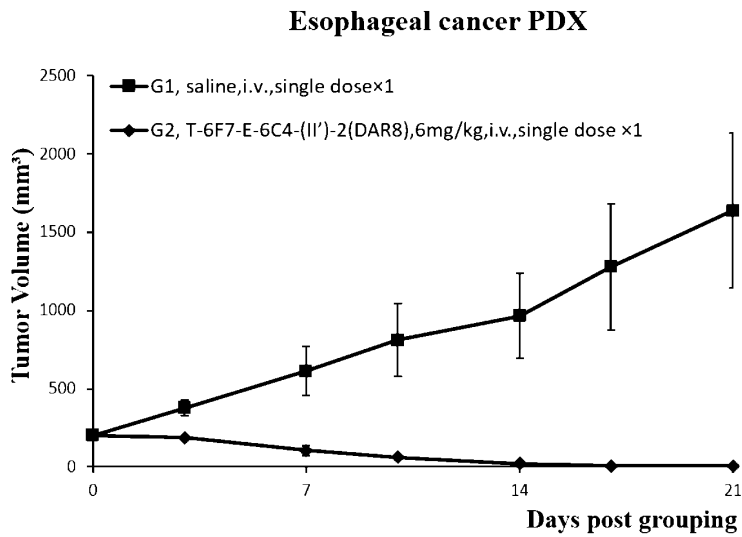


FIG. 10B

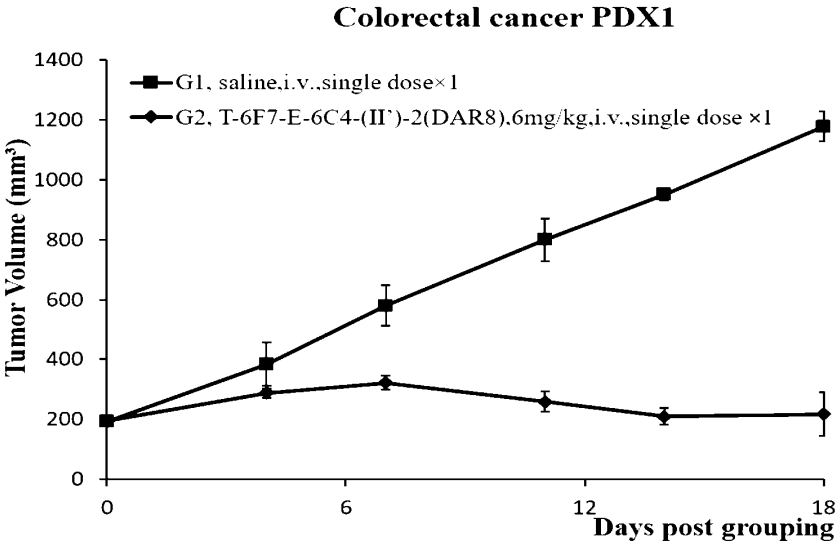


FIG. 10C

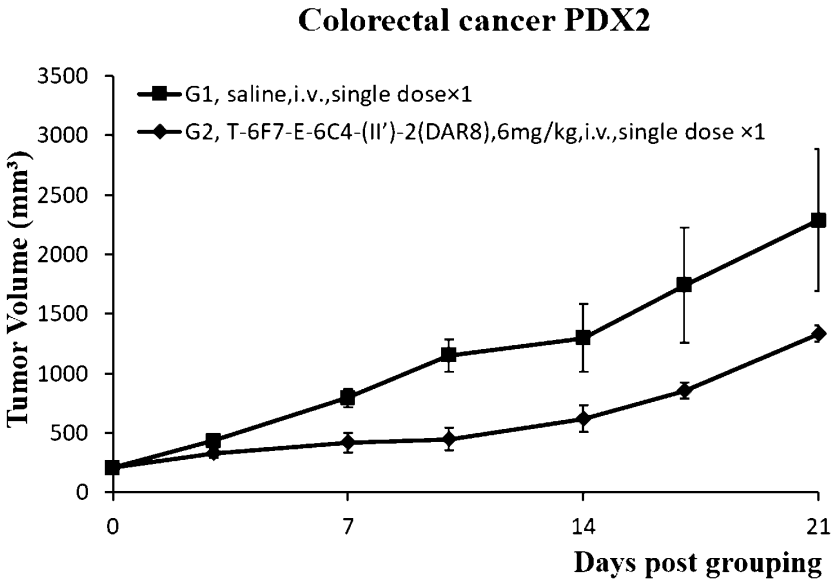


FIG. 10D

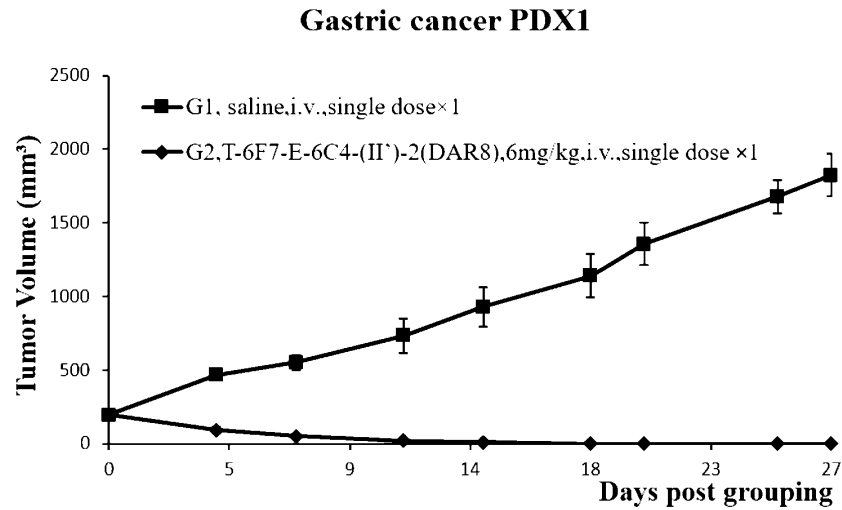


FIG. 10E

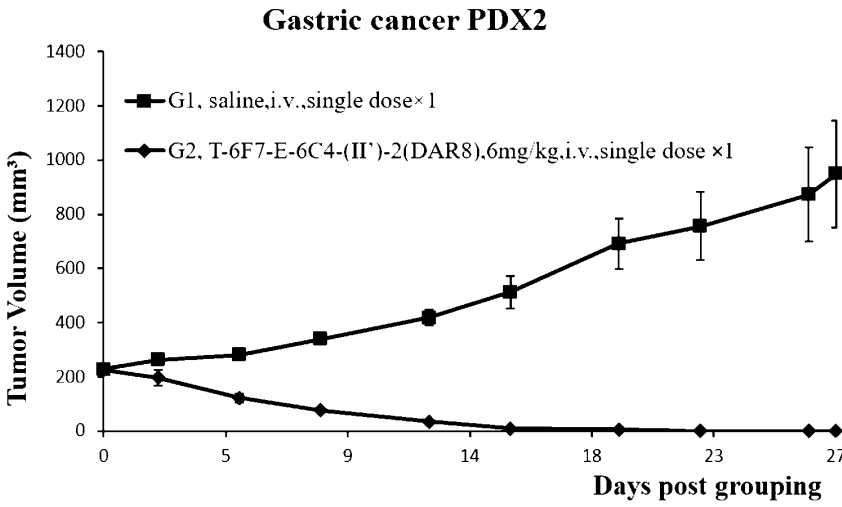


FIG. 10F

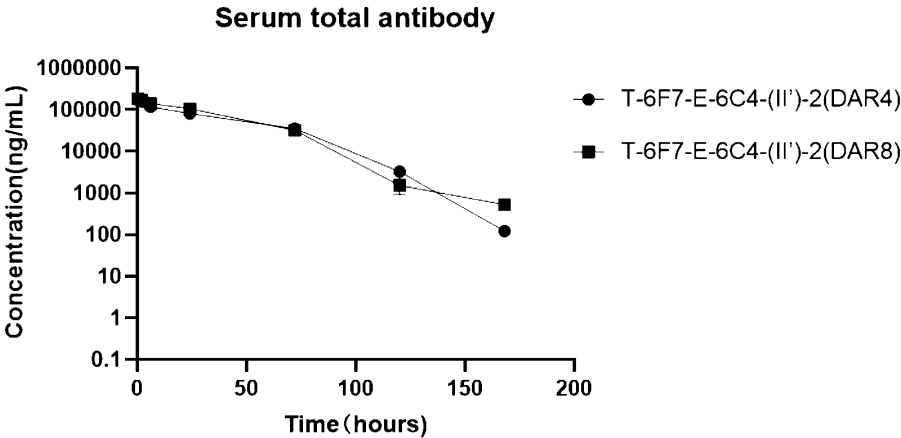


FIG. 11A

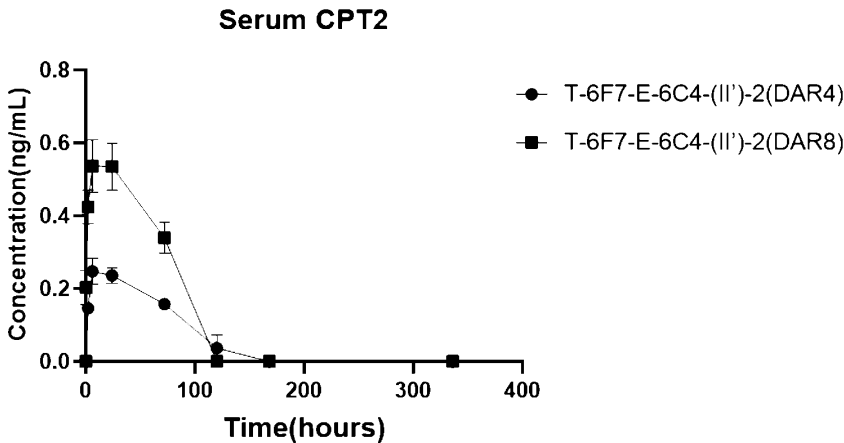


FIG. 11B

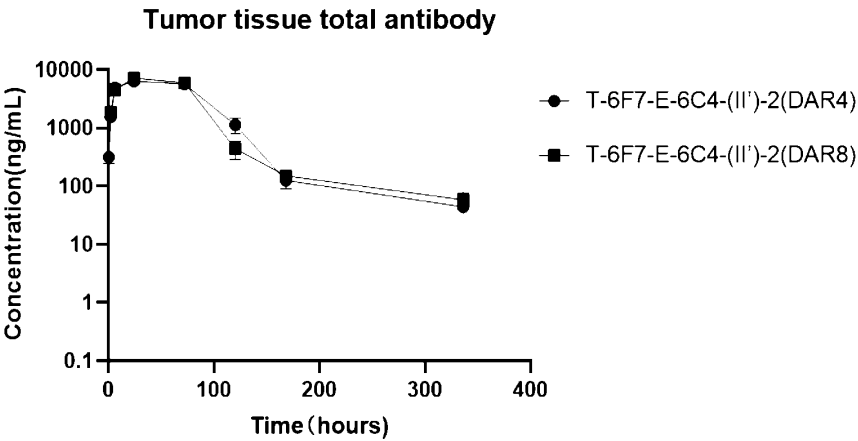


FIG. 11C

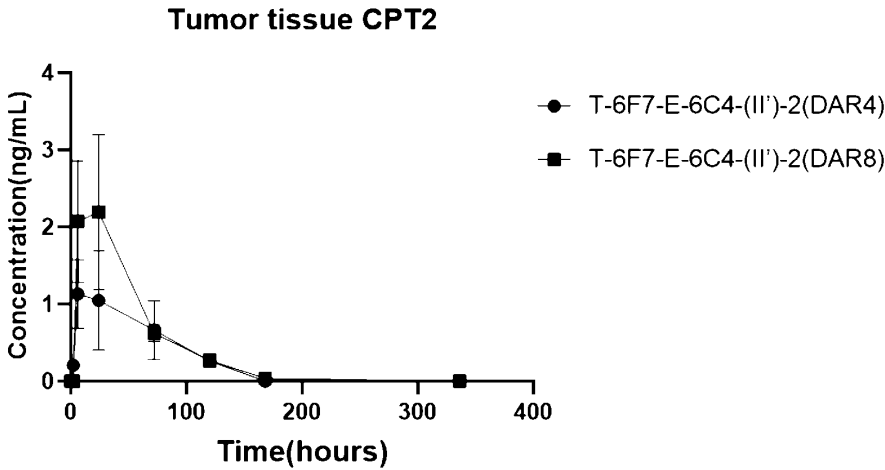


FIG. 11D

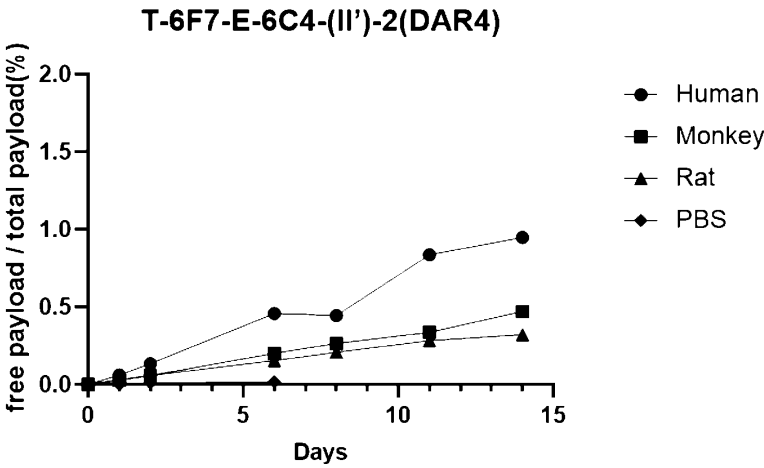


FIG. 12A

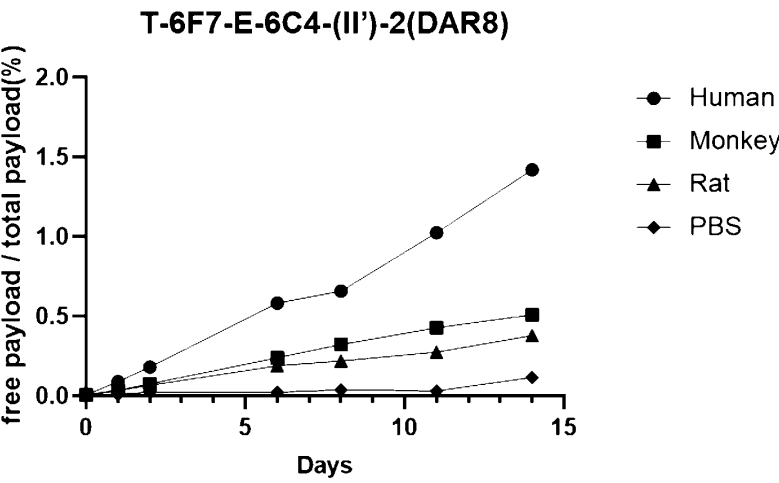


FIG. 12B