

重链可变区 (CDR下有划线)

种系IGHV1-69	QVQLVQSGAEVKKPGSSVKVSCASGGTFSSYAISWVRQAPGQGLEWMGRIIPILGIANYA QKFQGRVTITADKSTSTAYMELSSLRSEDVAVYYCAR---GYSYGNFDYWGQGLTVTVSS
YN-002VH	QVQLVQSGAEV R KPGSSVKVSCASGGTFSSYAISWVRQAPGQGLEWMGRIIPILGIANYA QKFQGRVTITADKSTSTAYMELSSLRSEDVAVYYCAR TMD GYSYGNFDYWGQGLTVTVSS
YN-003VH	QVQLVQSGAEVKKPGSSVKVSCASGGTFSSYAISWVRQAPGQGLEWMGRIIPILGIANYA QKFQGRVTITADKSTSTAYMELSSLRSEDVAVYYCAR TMD GYSYGNFDYWGQGLTVTVSS

轻链可变区 (CDR下有划线)

种系IGLV2-14	QSALTQPASVSGSPGQSITISCTGTSSDVGGYNYVSWYQQHPGKAPKLMIEVSNRPSGV SNRFGSKSGNTASLTISGLQAEDEADYYCSSYTSS---VFGGGTKLTVLG
YN-002VL	QSALTQPASVSGSPGQSITISCTGTSSDVGGYNYVSWYQQHPGKAPK L IY G NSNRPSGV P DRFGSKSG T SAS L A I TGLQAEDEADYYC Q S Y D S S L S G S V FGGGTKLTVLG
YN-003VL	QSALTQPASVSGSPGQSITISCTGTSSDVGGYNYVSWYQQHPGKAPKLMIEY G NSNRPSGV SNRFGSKSGNTASLTISGLQAEDEADYYC Q S Y D S S L S G S V FGGGTKLTVLG

图 1

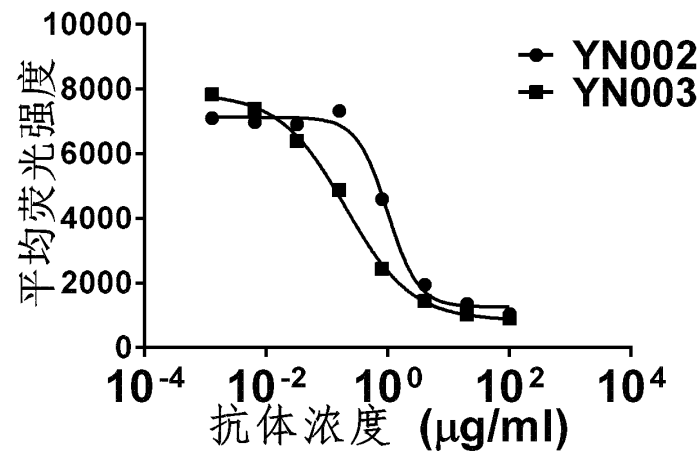


图 2

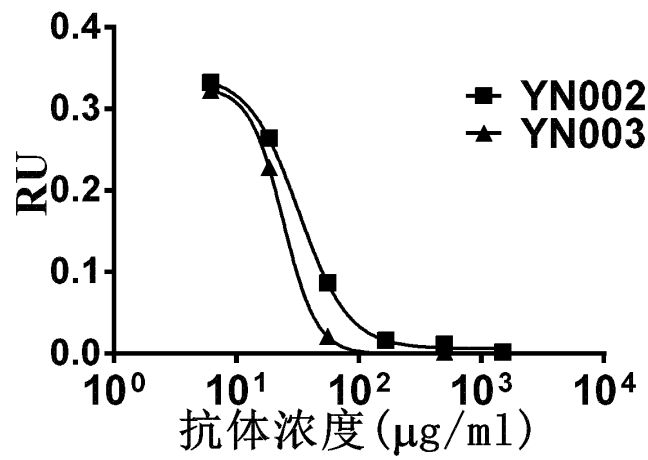


图 3

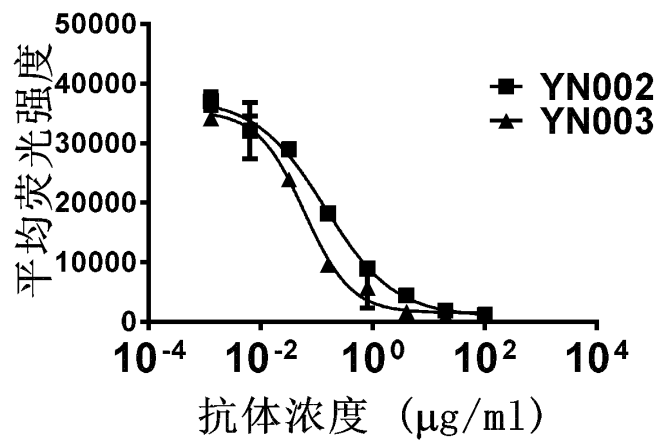


图 4

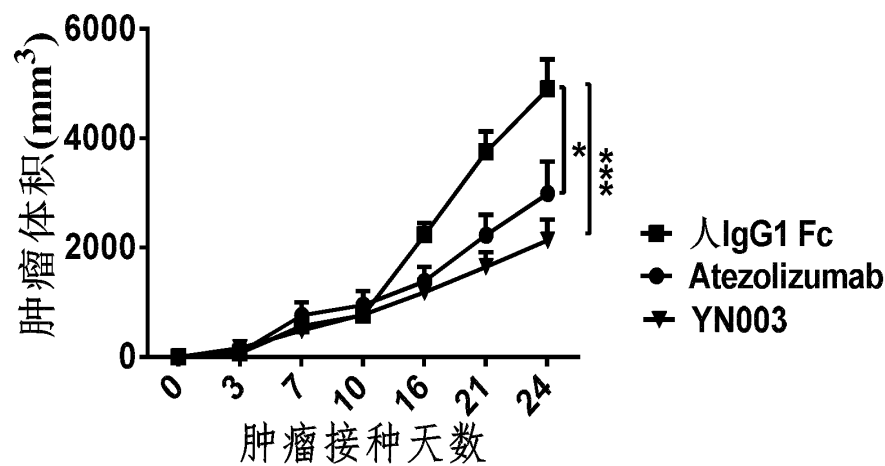


图 5

重链可变区 (CDR下有划线)

种系IGVH3-23	QVQLVESGGGLVQPGGSLRLSCAASGFTFSSYAMSWVRQAPGKGLEWVSAISGSGGSTYYAD SVKGRFTISRDN SKNTLYLQMNSLRAEDTAVYYCAKTNWG--DAFDIWQGTMVTVSS
YN-005VH	QVQLVQSGGGLVQPGGSLRLSCAASGFTFSSYAMSWVRQAPGKGLEWVSAISGSGGSTYYAD SVKGRFTISRDN SKNTLYLQMNSLRAEDTAVYYCAKTNWG PS DAFDIWQGTMVTVSS
YN-006VH	QVQLVESGGGLVQPGGSLRLSCAASGFTFSSYAMSWVRQAPGKGLEWVSAISGSGGSTYYAD SVKGRFTISRDN SKNTLYLQMNSLRAEDTAVYYCAKTNWG PS DAFDIWQGTMVTVSS

轻链可变区 (CDR下有划线)

种系IGLV1-44	QSVLTQPPSASGTPGQRVTISCSGSSSNIGSNTVNWYQQLPGTAPKLLIYSNNQRPSGVPDR FSGSKSGTSASLAISGLQSEDEADYYCAAWDDSLNGYVFGTGKLTVLG
YN-005VL	QSVLTQPPSASGTPGQRVTISCSG STSDIGS YVNWYQQLPGTAPKLLIYSNNQRPSGVPDR FSGSKSGTSASLAISGLQSEDEADYYCAAWDDSLNGYVFGTGKLTVLG
YN-006VL	QSVLTQPPSASGTPGQRVTISCSG STSDIGS YVNWYQQLPGTAPKLLIYSNNQRPSGVPDR FSGSKSGTSASLAISGLQSEDEADYYCAAWDDSLNGYVFGTGKLTVLG

图 6

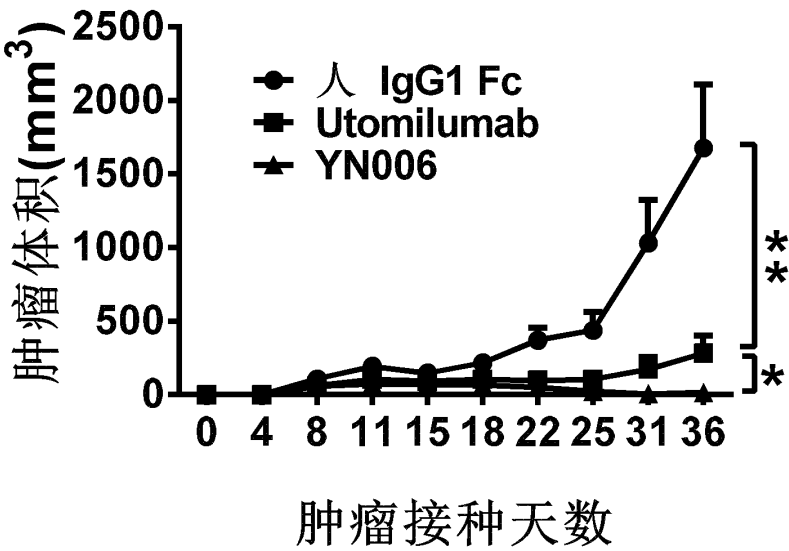


图 7

图 8

重链可变区 (CDR 下有划线)	
种系 IGHV1-69	QVQLVQSGAEVKKPGSSVKVSKASGGTSSYAIISWVRQAPGQGLEWMGELIPIILGIANVAQKFGQGRVTITADKSTSTAYMELSSLRSEDTAVYYCAR---GYSYGNEDYWGQSTLTVTSS
YN003VH	QVQLVQSGAEVKKPGSSVKVSKASGGTSSYAIISWVRQAPGQGLEWMGELIPIILGIANVAQKFGQGRVTITADKSTSTAYMELSSLRSEDTAVYYCAR TMDG SYSGNEDYWGQSTLTVTSS
YN035VH	QVQLVQSGAEVKKPGSSVKVSKAS RGPFT YAIISWVRQAPGQGLEWMGELIPIILGIANVAQKFGQGRVTITADKSTSTAYMELSSLRSEDTAVYYCAR TMEGYGF GNEDYWGQSTLTVTSS
YN036VH	QVQLVQSGAEVKKPGSSVKVSKAS RGPFT YAIISWVRQAPGQGLEWMGELIPIILGIANVAQKFGQGRVTITADKSTSTAYMELSSLRSEDTAVYYCAR TMGE YSYSGNEDYWGQSTLTVTSS
YN037VH	QVQLVQSGAEVKKPGSSVKVSKAS RGPFT YAIISWVRQAPGQGLEWMGELIPIILGIANVAQKFGQGRVTITADKSTSTAYMELSSLRSEDTAVYYCAR TMGE YSYSGNEDYWGQSTLTVTSS
YN038VH	QVQLVQSGAEVKKPGSSVKVSKAS RGPFT YAIISWVRQAPGQGLEWMGELIPIILGIANVAQKFGQGRVTITADKSTSTAYMELSSLRSEDTAVYYCAR TMGE YSYSGNEDYWGQSTLTVTSS
YN039VH	QVQLVQSGAEVKKPGSSVKVSKAS RGPFT YAIISWVRQAPGQGLEWMGELIPIILGIANVAQKFGQGRVTITADKSTSTAYMELSSLRSEDTAVYYCAR TMGE YSYSGNEDYWGQSTLTVTSS

图 9

种系 IGLV2-14 QSALTQPASVSGSPGQSITISCTGTSSDYGNNVSWYQQHPGKAPKLMIVENRPFSGVSNRPFSGSKSGNTASLTISGLQAEDEADYVCSSTSS---VFSGGTRKLTVLG
YN003VL QSALTQPASVSGSPGQSITISCTGTSSDYGNNVSWYQQHPGKAPKLMIVGNRPFSGVSNRPFSGSKSGNTASLTISGLQAEDEADYVCSSTSSLSGSVFSGGTRKLTVLG
YN0035VL QSALTQPASVSGSPGQSITISCTGTSSDYGNNVSWYQQHPGKAPKLMIVGNRPFSGVSNRPFSGSKSGNTASLTISGLQAEDEADYVCSSTSSLSGSVFSGGTRKLTVLG
YN0036VL QSALTQPASVSGSPGQSITISCTGTSSDYGNNVSWYQQHPGKAPKLMIVGNRPFSGVSNRPFSGSKSGNTASLTISGLQAEDEADYVCSSTSSLSGSVFSGGTRKLTVLG
YN0037VL QSALTQPASVSGSPGQSITISCTGTSSDYGNNVSWYQQHPGKAPKLMIVGNRPFSGVSNRPFSGSKSGNTASLTISGLQAEDEADYVCSSTSSLSGSVFSGGTRKLTVLG
YN0038VL QSALTQPASVSGSPGQSITISCTGTSSDYGNNVSWYQQHPGKAPKLMIVGNRPFSGVSNRPFSGSKSGNTASLTISGLQAEDEADYVCSSTSSLSGSVFSGGTRKLTVLG
YN0039VL QSALTQPASVSGSPGQSITISCTGTSSDYGNNVSWYQQHPGKAPKLMIVGNRPFSGVSNRPFSGSKSGNTASLTISGLQAEDEADYVCSSTSSLSGSVFSGGTRKLTVLG

图 10

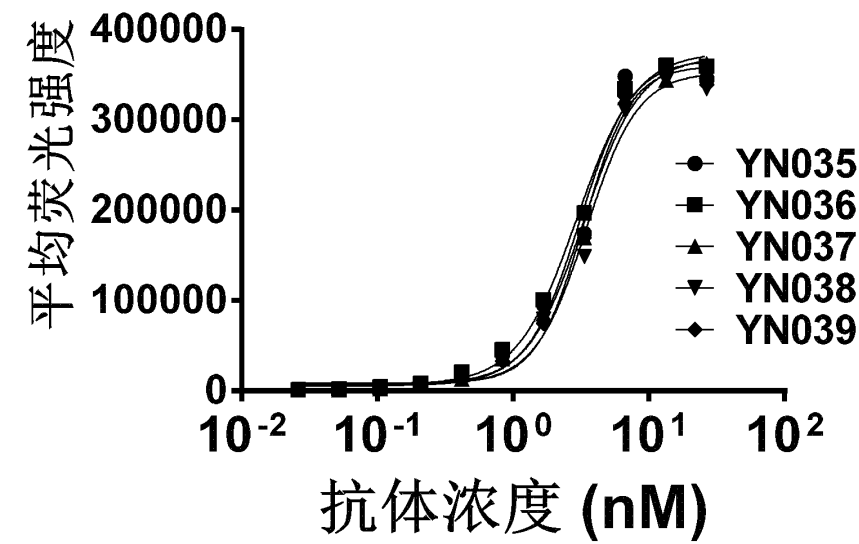


图 11

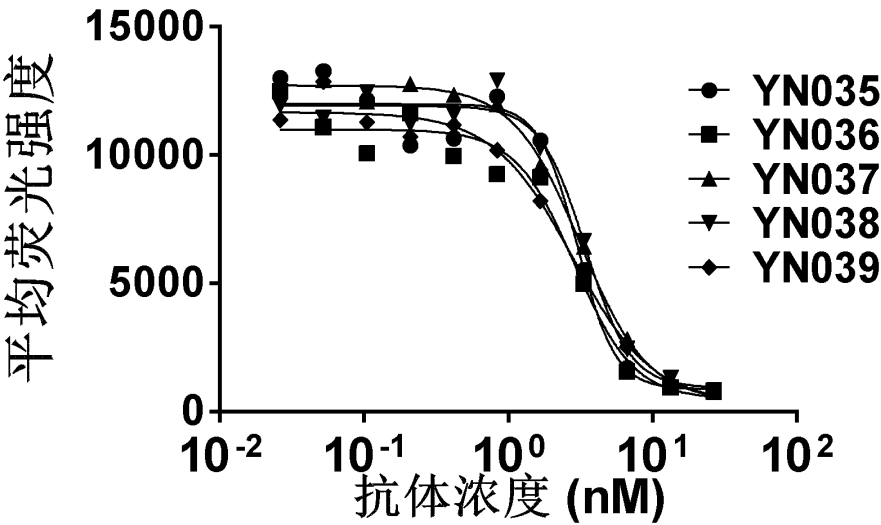


图 12

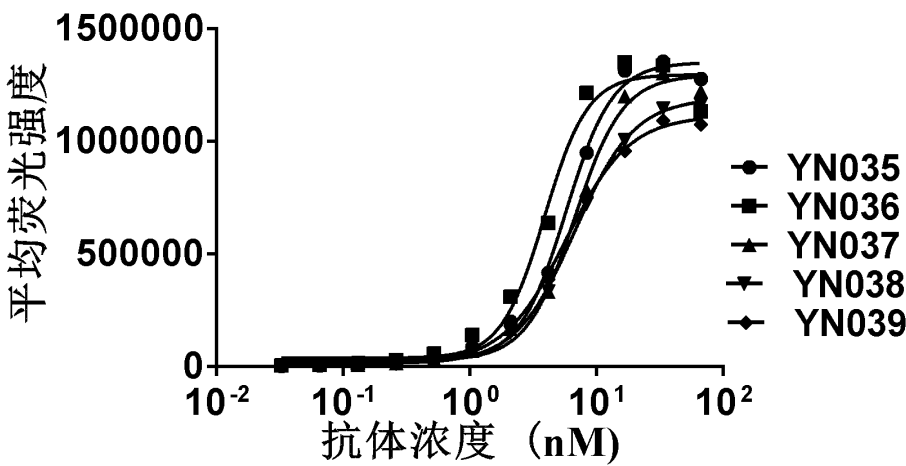


图 13

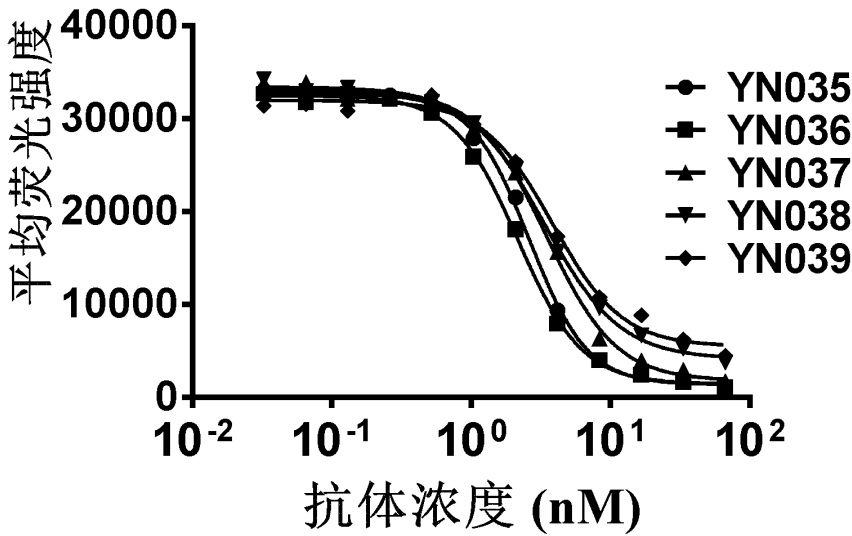


图 14

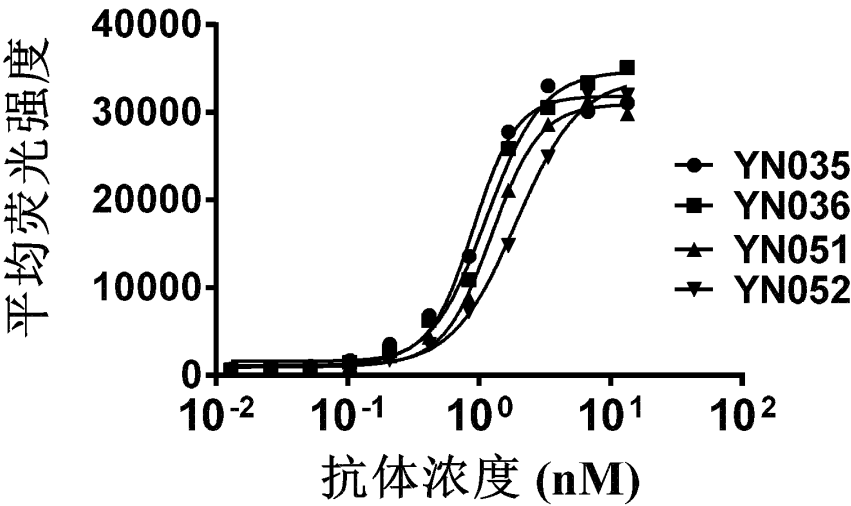


图 15

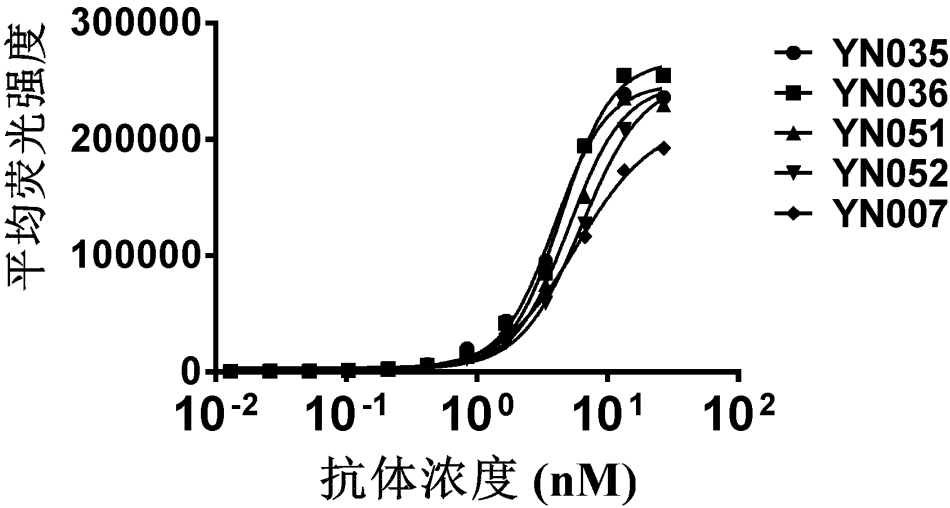


图 16

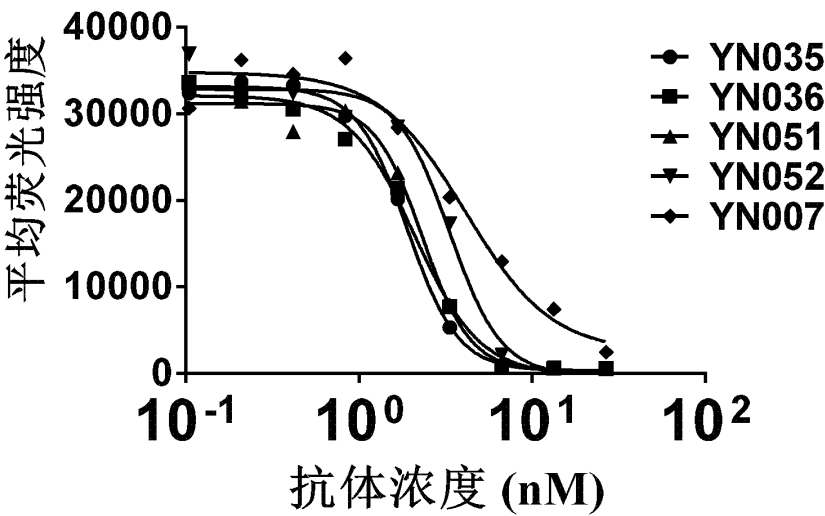


图 17

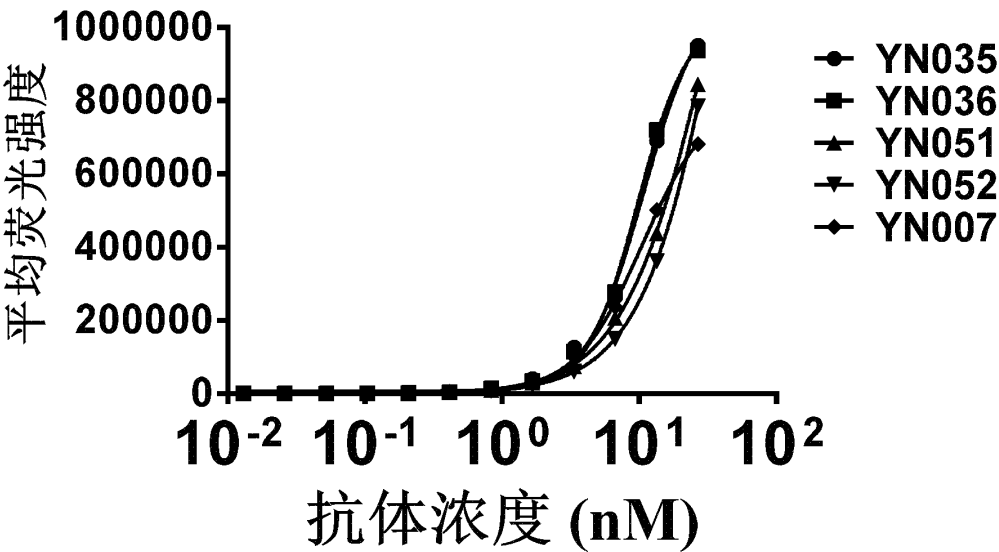


图 18

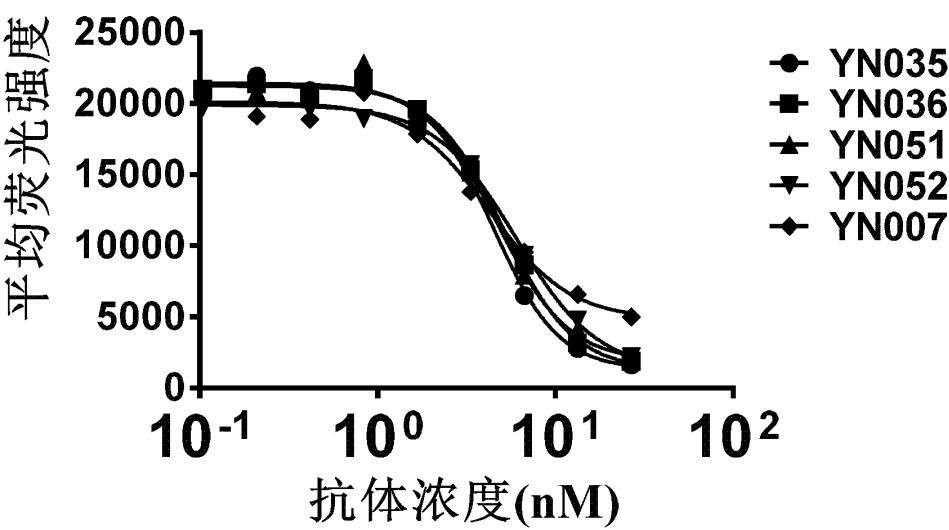


图 19

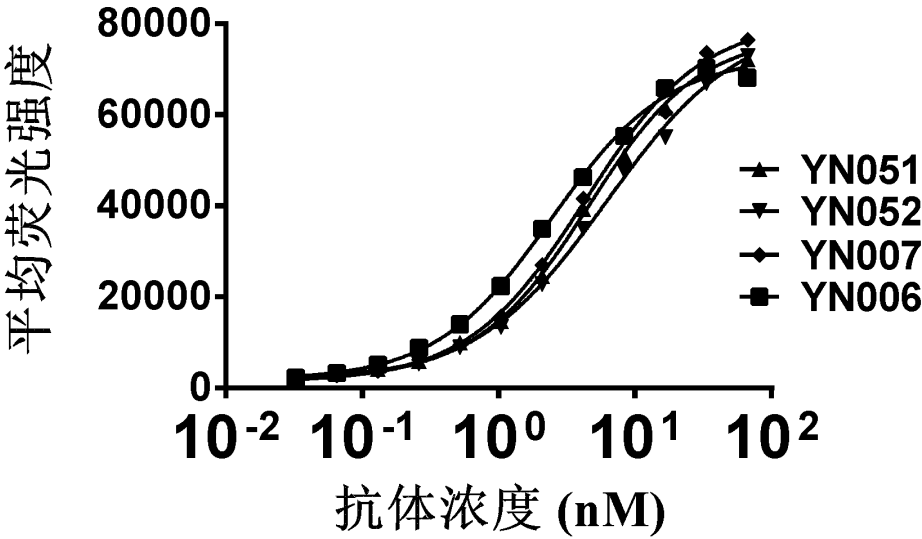


图 20

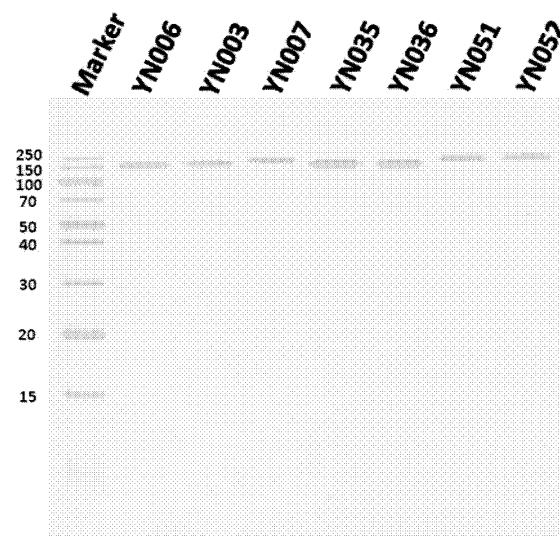


图 21a

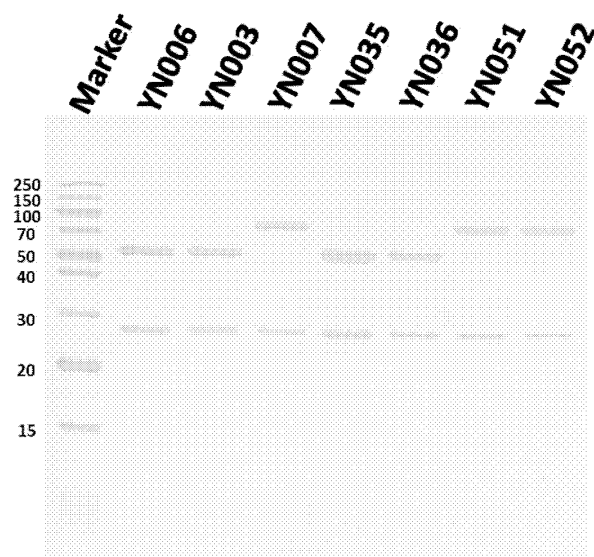


图 21b

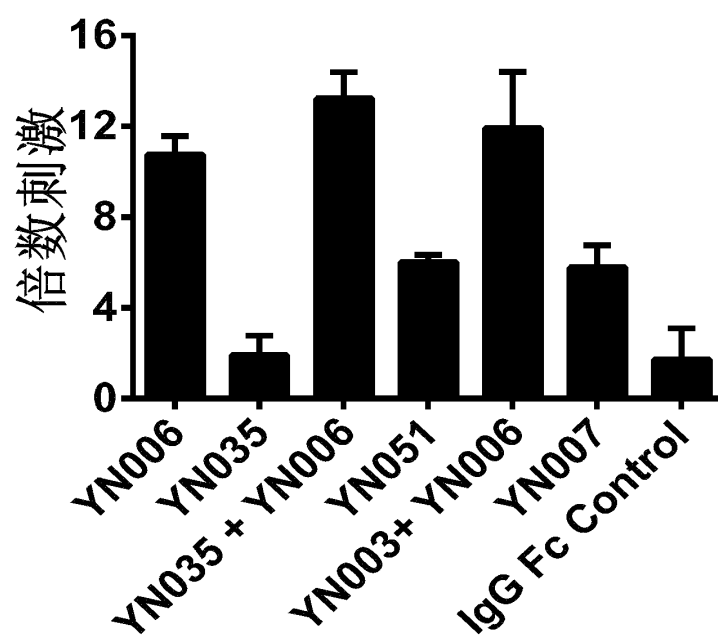


图 22

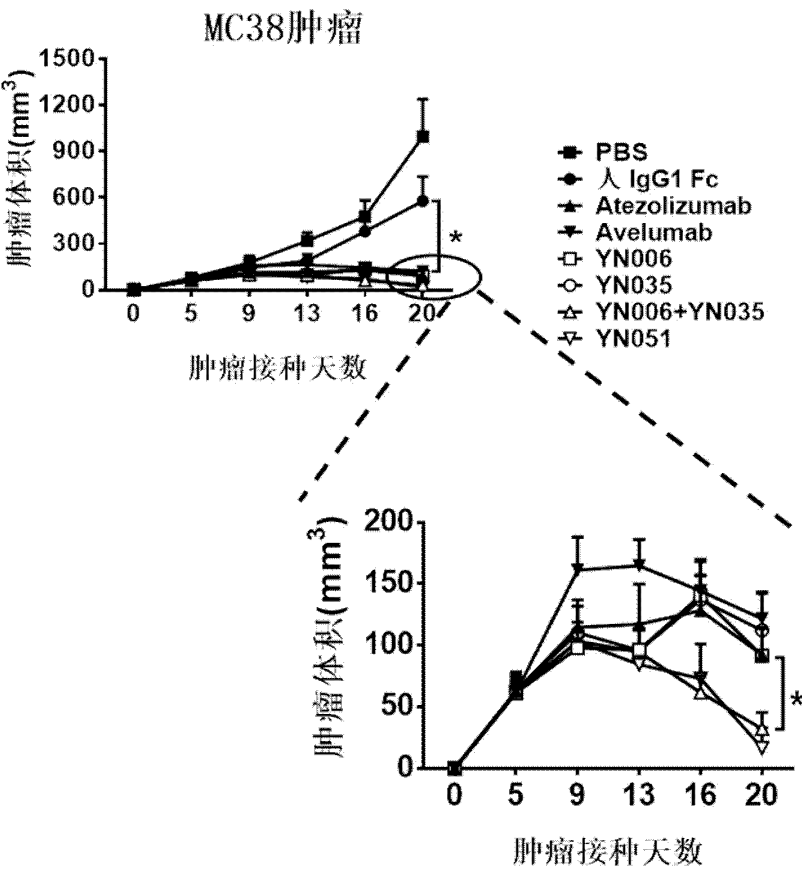


图 23