

Heavy chain

EVQLVQSGAE	VKKPGESLKI	SCKGSGYSFT	<u>TYWLGWVRQM</u>	PGKGLDWIGI	<u>MSPVDSDIRY</u>	60	
		22-96					
<u>SPSFOGQVTM</u>	SVDKSITTAY	LQWNSLKASD	TAMYYCARRR	<u>PGOGYFDFWG</u>	QGTLLTVVSSS	120	
STKGPSVFPL	APSSKSTSGG	TAALGCLVKD	YFPEPVTVSW	NSGALTSGVH	TFPAVLQSSG	180	
		146-202					
LYSLSSVVTV	PSSSLGTQTY	ICNVNHKPSN	TKVDKRVEPK	²²² SCDKTHT	²²⁸ CPP	²³¹ CPAPELLGGP	240
				LC	HC	HC	N-Glycan
SVFLFPPKPK	DTLMISRTPE	VTCTVVVDVSH	EDPEVKFNWY	VDGVEVHNAK	TKPREEQYNS		300
		263-323					
TYRVSVSLTV	LHQDWLNGKE	YKCKVSNKAL	PAPIEKTISK	AKGQPREPQV	YTLPPSRDEL		360
TKNQVSLTCL	VKGFYPSDIA	VEWESNGQPE	NNYKTTPPVL	DSDGSFFLYS	KLTVDKSRWQ		420
	389-427						
QGNVFSCSVM	HEALHNHYTQ	KSLSLSPGK					449

Light chain

DIQMTQSPSS	LSASVGDRVT	ITCRASOGIS	SWLAWYQQKP	EKAPKSLIYA	ASSLQSGVPS	60	
		23-88					
RFGSGSGSTD	FTLTISLQP	EDFATYYC	QQ	YNIYPYTFGQ	GTKLEIKRTV	AAPSVFIFPP	120
SDEQLKSGTA	SVVCLLNNFY	PREAKVQWKV	DNALQSGNSQ	ESVTEQDSKD	STYSLSSTLT	180	
	134-194						
LSKADYEKHK	VYACEVTHQG	LSSPVTKSFN	RGEC			214	
			HC				

Fig.1

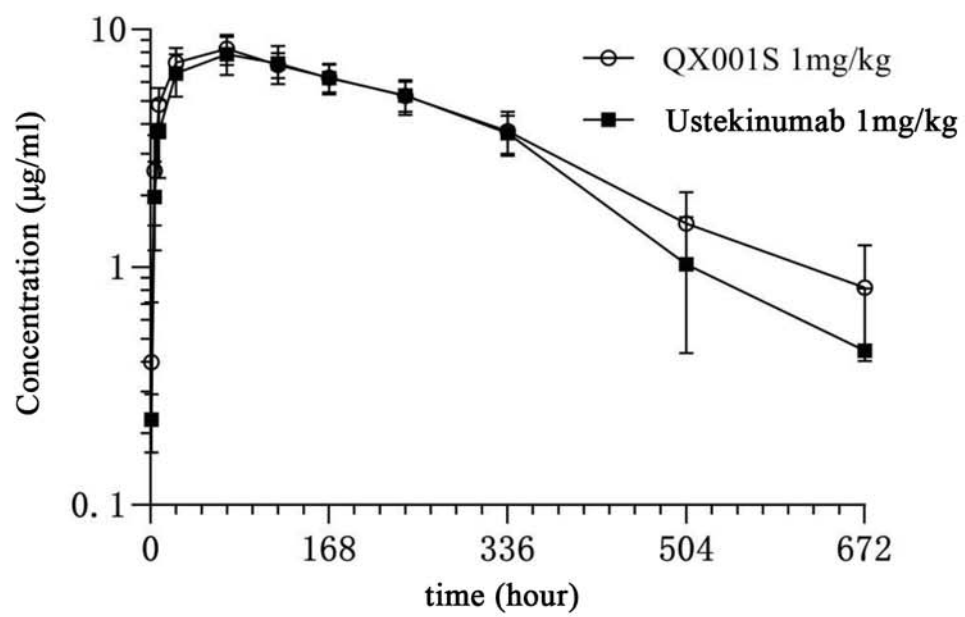


Fig.2

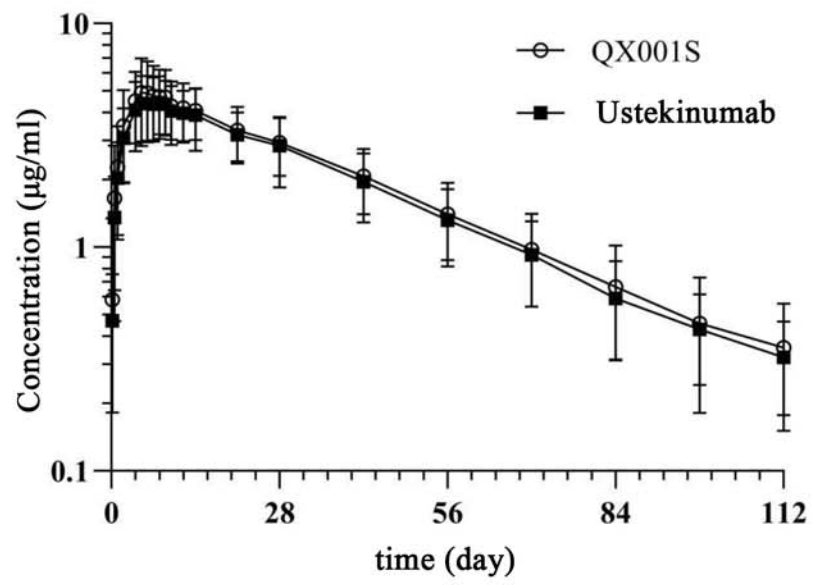


Fig.3

Gene sequence of the heavy chain

GAAGTCCAGCTGGTGCAGTCAGGGGCCGAGGTGAAGAAACCAGGTGAAAGTCTGAAGATCAGCTGTAAAGGCTCTGGAT
ACAGTTTCACCACATATTGGCTGGGATGGGTGCGGCAGATGCCCGGAAGGGTCTGGATTGGATCGGTATTATGTCGCC
CGTGGACAGCGACATCAGATACAGTCCTTCATTTAGGGCCAGGTCACTATGTCTGTGGACAAGAGTATTACTACCGCT
TATCTGCAGTGGAACCTCACTGAAAGCCTCCGATACCGCTATGTACTATTGCGCAAGGCGGAGACCCGGCCAGGGATACT
TCGACTTTTGGGGGAGGGCACCCCTGGTCACAGTGTCCAGCTCTAGTACTAAGGGGCCTTCCGTGTTTCCACTGGCTCC
CTCATCCAAATCCACTAGCGGAGGAACCGCAGCTCTGGGATGTCTGGTGAAGGACTATTTCCAGAGCCCGTCACAGTG
TCATGGAACCTCCGGCGCACTGACCAGCGGAGTCCATACATTTCTGCCGTGCTGCAGAGCTCTGGGCTGTACTCTCTGA
GTTTCAGTGGTCACAGTGCCATCCAGCTCTCTGGGTAAGTCAAGCTATATCTGCAACGTGAATCACAAGCCTTCTAATAC
TAAGGTCGATAAGAGGGTGAACCAAGAGTTGTGATAAAACACATACTTGCCCCCTTGTCTGCACCAGAGCTGCTG
GGGGTCCAAGCGTGTTCCTGTTTCCACCCAAGCCCAAGATACCCTGATGATTTCCCGAACACCAGAAGTCACTTGGC
TGGTCGTGGACGTGAGCCACGAGGACCCGAAGTCAAGTTCAACTGGTACGTGGACGGCGTCGAGGTGCATAATGCTAA
GACCAACCTCGCGAGGAACAGTACAATAGCACATATCGAGTCGTGTCTGTCTGACTGTGCTGCACCAGGATTGGCTG
AACGGAAGGAGTATAAGTGCAAAGTGTCTAATAAGGCTCTGCCCCGACCTATCGAGAAAACCATTTCCAAGGCCAAAG
GCCAGCCTCGTGAACCACAGGTGTACACTGCCTCCATCAAGGGATGAGCTGACTAAGAACCAAGTCAGCCTGACCTG
TCTGGTGAAAGGCTTCTATCCCTCTGACATCGCTGTGGAGTGGGAAAGTAATGGACAGCCTGAAAACAATTACAAGACA
ACTCCCCCTGTGCTGGACAGCGATGGCTCTTTCTTCTGTATTCCAAGCTGACCGTGGACAAAAGCCGGTGGCAGCAGG
GAAACGTCCTTTTCTGTAGTGTGATGCATGAGGCCCTGCACAATCATTACACACAAGTCACTGTCCCTGAGCCCAGG
AAAA

Fig.4

Gene sequence of the light chain

GACATCCAGATGACCCAGAGTCCATCCAGCCTGTCTGCTAGTGTGGGAGATAGGGTCACTATCACCTGTCGGGCCTCCC
AGGGGATTTCTAGTTGGCTGGCTTGGTATCAGCAGAAGCCAGAGAAAGCACCCAAGTCCCTGATTTATGCCGCTTCATC
CCTGCAGAGTGGAGTGCCTCACGATTCTCAGGCTCCGGAAGCGGGACTGACTTTACACTGACTATCAGCTCTCTGCAG
CCTGAAGATTTGCTACCTACTATTGCCAGCAGTACAACATTTACCCATATACTTTTGGTCAGGGCACCAAACTGGAGA
TCAAGAGAACAGTGGCAGCCCCAGCGTCTTCATTTTTCCCCCTTCTGACGAACAGCTGAAATCCGGCACCGCAAGCGT
GGTCTGTCTGCTGAACAATTTCTACCCTCGCGAGGCCAAAGTGCAGTGGGAAGGTCGATAACGCTCTGCAGTCTGGCAAT
AGTCAGGAGTCAGTGACAGAACAGGACTCCAAAGATAGCACTTATTCTCTGAGTTCAACCCTGACACTGAGCAAGGCAG
ACTACGAGAAGCACAAAGTGTATGCCTGCGAAGTCACCCATCAGGGTCTGTCCAGCCCCGTGACAAAGTCTTTAATAG
GGGCGAATGT

Fig.5