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A NG004 (variable heavy chain sequence VH) – SEQ ID NO: 2

FR1-----CDR1-FR2-----CDR2-----
 EVQLVESGGGVVQPGRSLRLSCAASGFTFRSHAMHWVRQAPGKGLEWVAVTSYDGTNKYYADSVKG
 FR3-----CDR3-----FR4-----
 RFTISKDNSKNTLYLQMDSLRLVEDTAVYYCARGRAVAGTREDYWGQGLTVTVSS

NG004 (variable kappa chain sequence VL) – SEQ ID NO: 7

FR1-----CDR1-----FR2-----CDR2---
 DIQMTQSPDSLAVSLGERATINCKSSQSVLFSSNSKNYLAWYQQKPGQPPKVLIIYWASTRES
 FR3-----CDR3-----FR4-----
 GVPDRFSGSGSGTDFTLTISLQAEDVAVYYCQQYTTTRPTFGLGTKVDIK

B NG034 (variable heavy chain sequence VH) – SEQ ID NO: 12

FR1-----CDR1-FR2-----CDR2-----
 EVQLVETGGGLVPPGGSLRLSCAASGFTFTNYSMHWVRLAPGKRLEYISAISSDGGDPFYASSVKG
 FR3-----CDR3-FR4-----
 RVAISRDN SKKTLYLQMGRLRPEDTAVYYCVSDAFDVWGQGTMTVTVSS

NG034 (variable kappa chain sequence VL) – SEQ ID NO: 17

FR1-----CDR1-----FR2-----CDR2---
 EIVLTQSPFLSLSVTLGQPASISCRSSQSLLYSNGNTYLNWFQQRFQSPRRLLYRVSNRDS
 FR3-----CDR3-----FR4-----
 GVPDRFSGSGSGTHFTLKISRVEAEDVGVYYCMOGTHWPRTFGQGTKVEIK

Fig. 1

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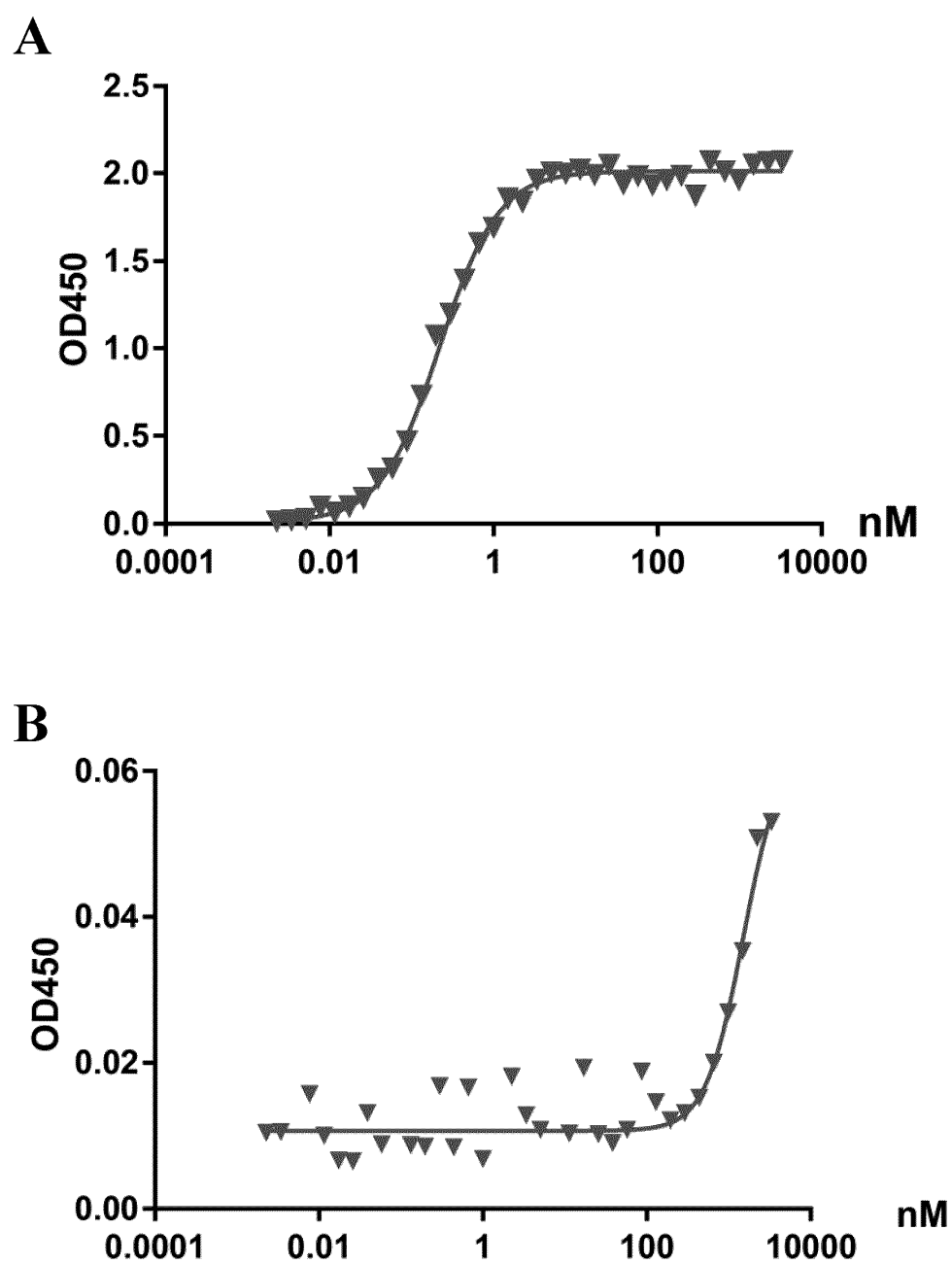
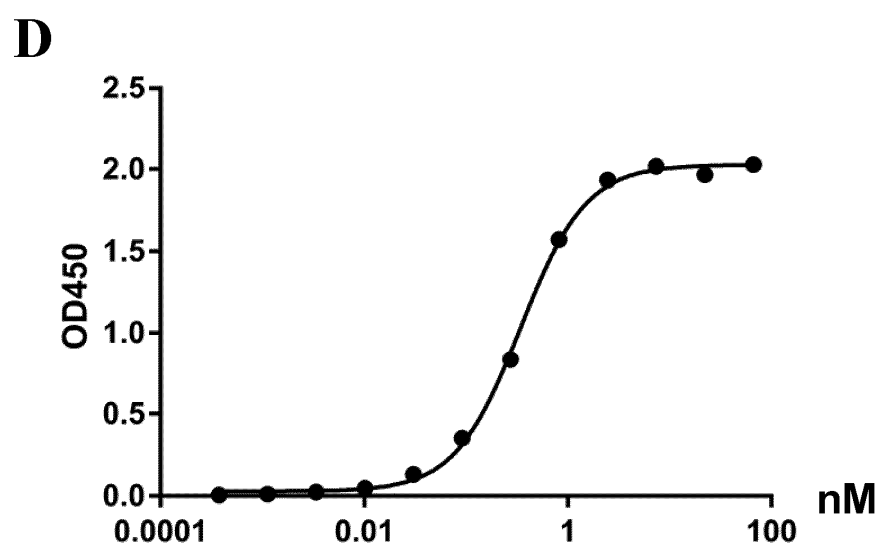
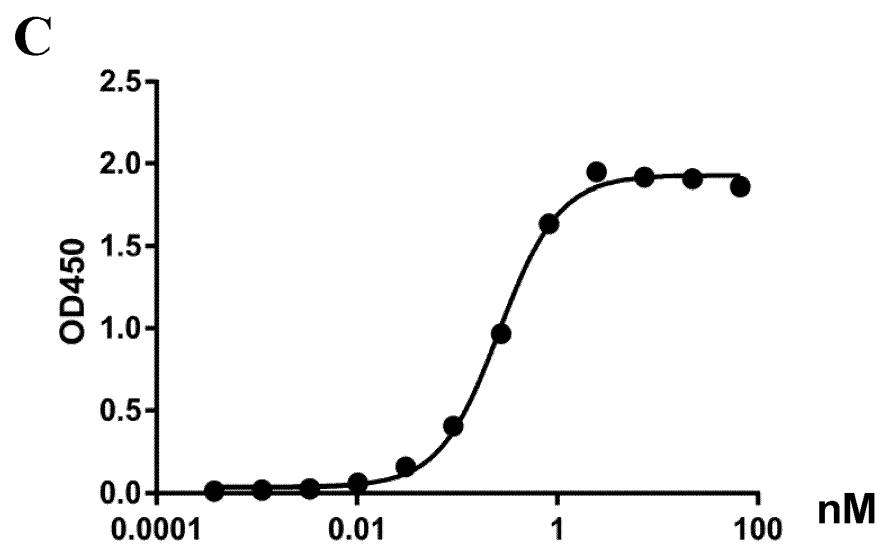


Fig. 2

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**Fig. 2 (continued)**

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E

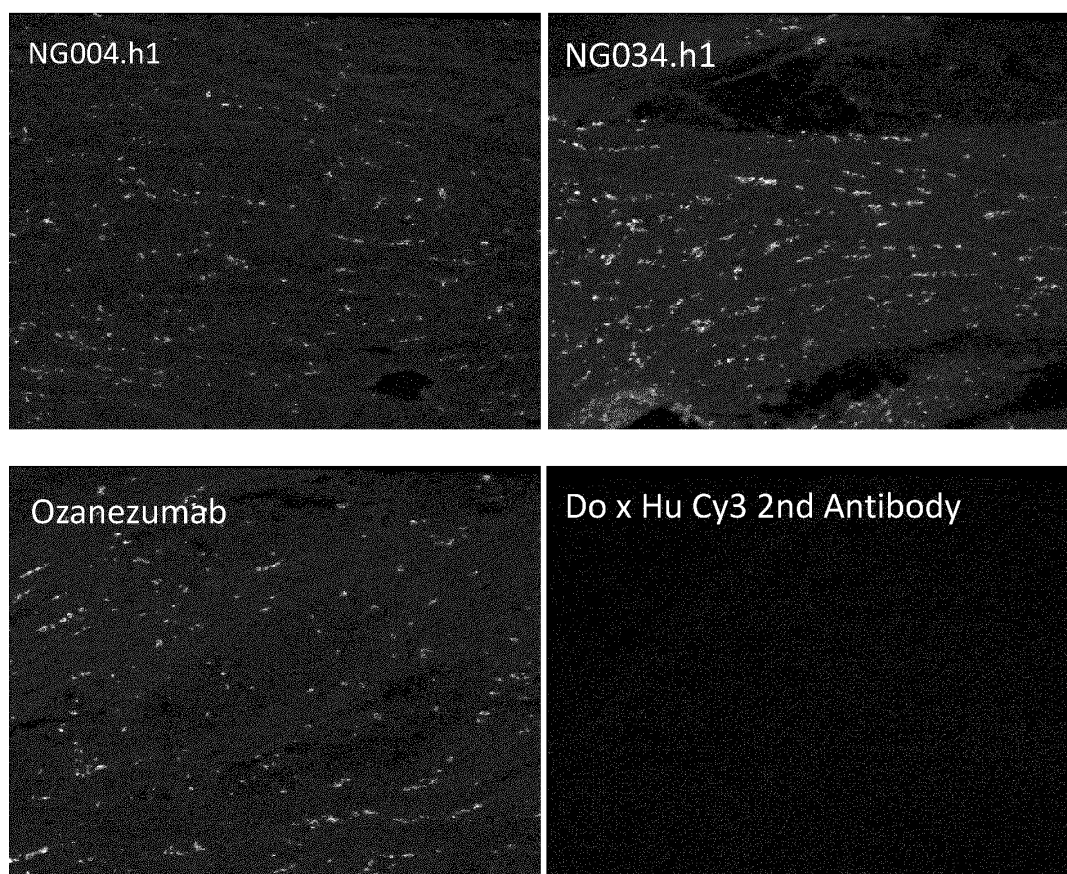
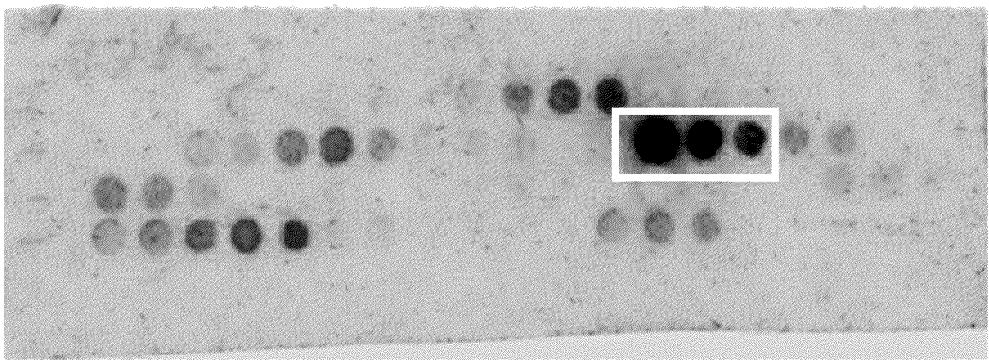


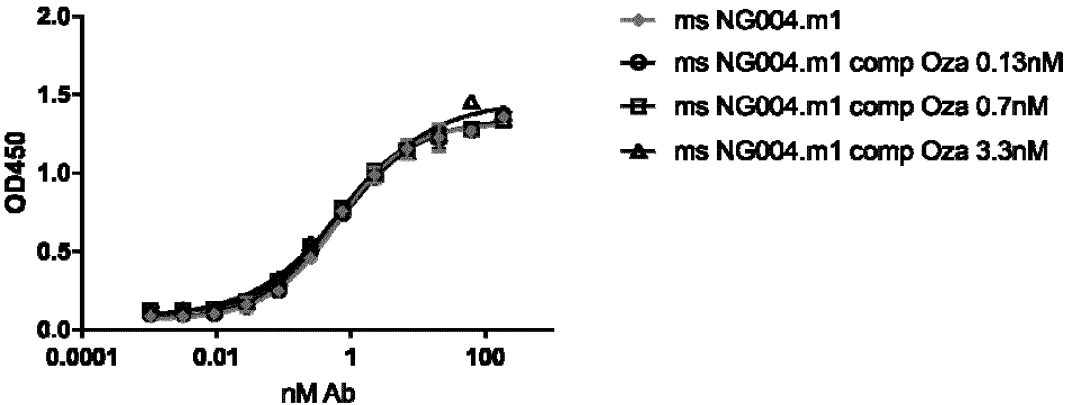
Fig. 2 (continued)



	133	138	143	148	153																										
33 (SEQ ID NO: 25)	S	G	I	K	E	E	I	K	E	P	E	N	I	N	A	-															
34 (SEQ ID NO: 22)		E	E	I	K	E	P	E	N	I	N	A	A	I	C	E	++++														
35 (SEQ ID NO: 23)			E	P	E	N	I	N	A	A	I	C	E	T	E	A	P	++++													
36 (SEQ ID NO: 24)							I	N	A	A	I	C	E	T	E	A	P	Y	I	S	I	++									
37 (SEQ ID NO: 26)											L	Q	E	T	E	A	P	Y	I	S	I	A	C	D	L	-					
	133	138	143	148	153																										
Consensus: (SEQ ID NO: 27)	S	G	I	K	E	E	I	K	E	P	E	N	I	N	A	A	I	C	E	T	E	A	P	Y	I	S	I	A	C	D	L

Fig. 3

A



B

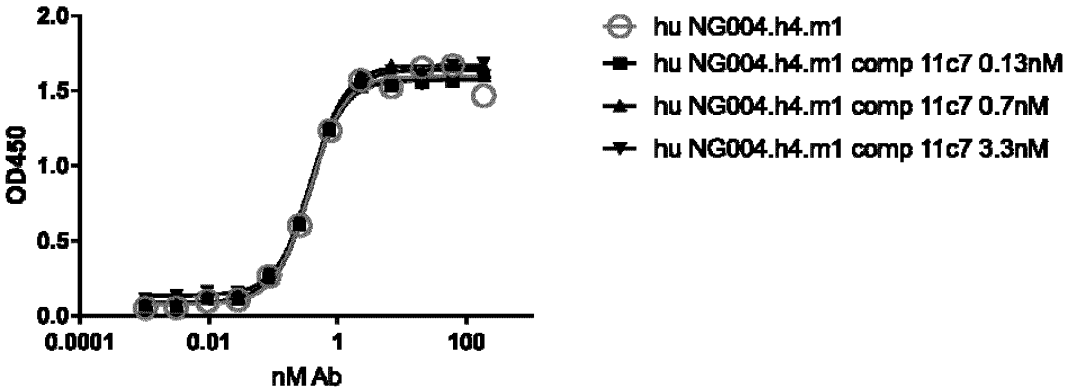
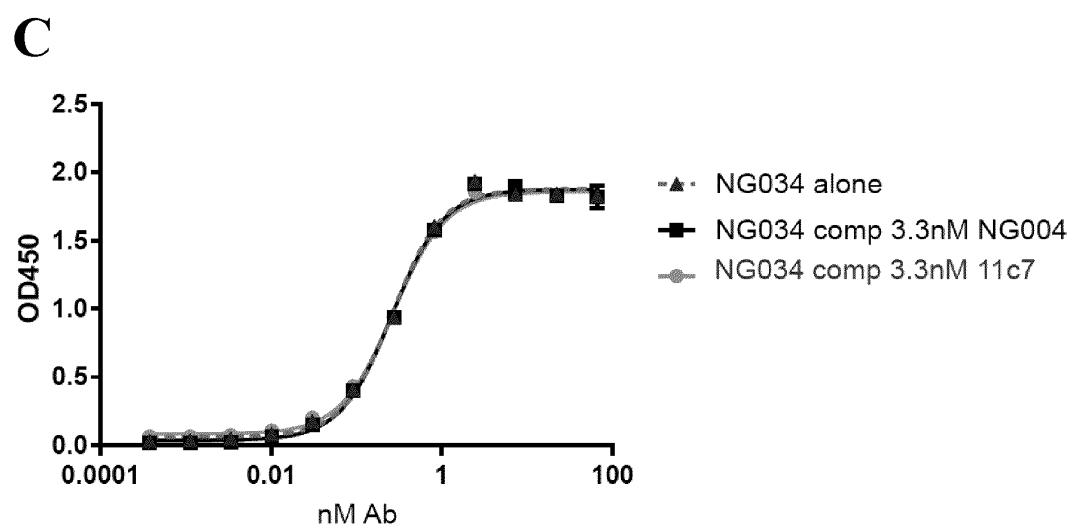


Fig. 4

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**Fig. 4 (continued)**

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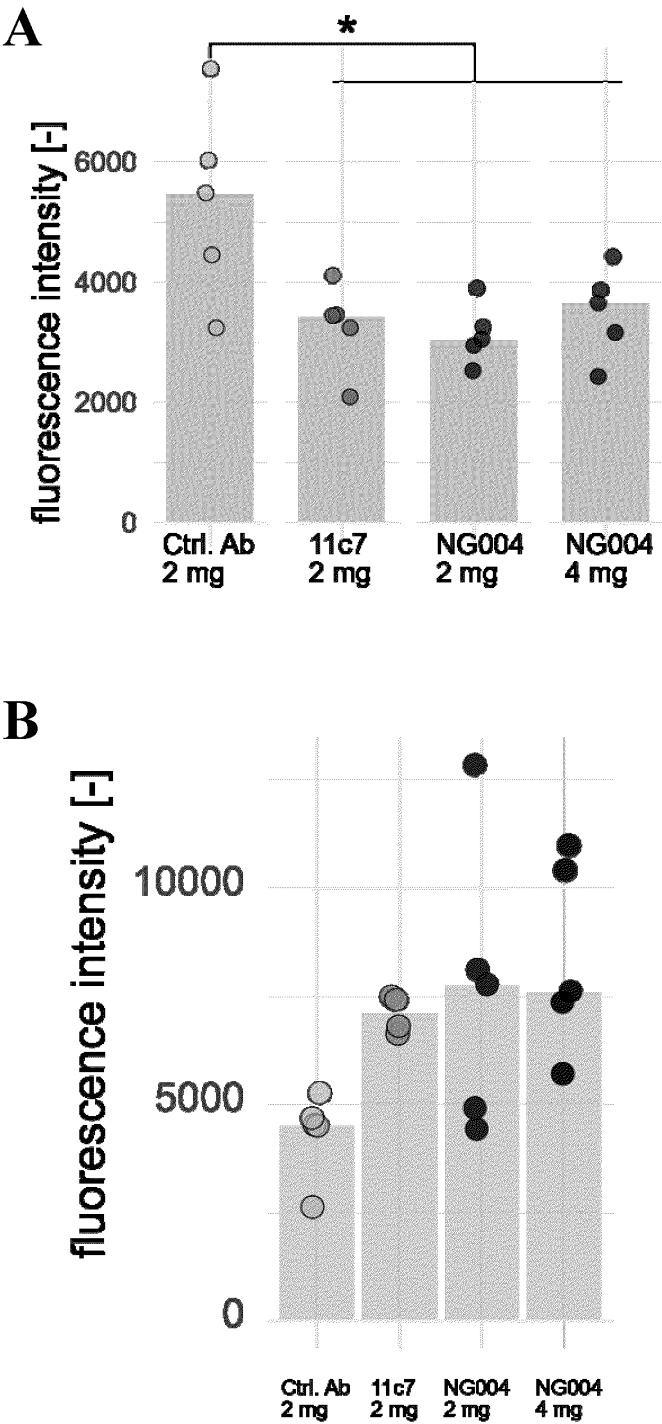
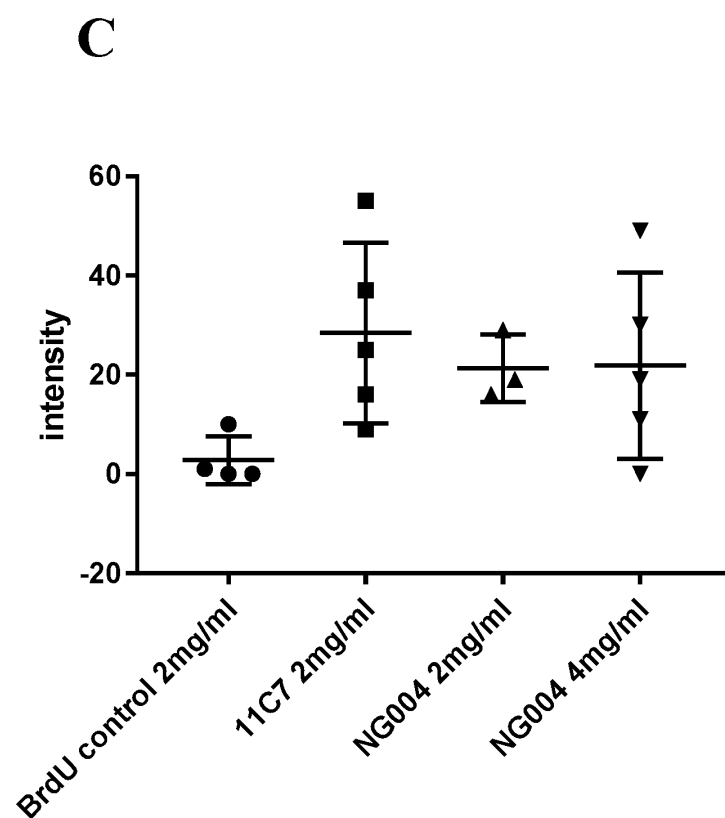


Fig. 5

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**Fig. 5 (continued)**

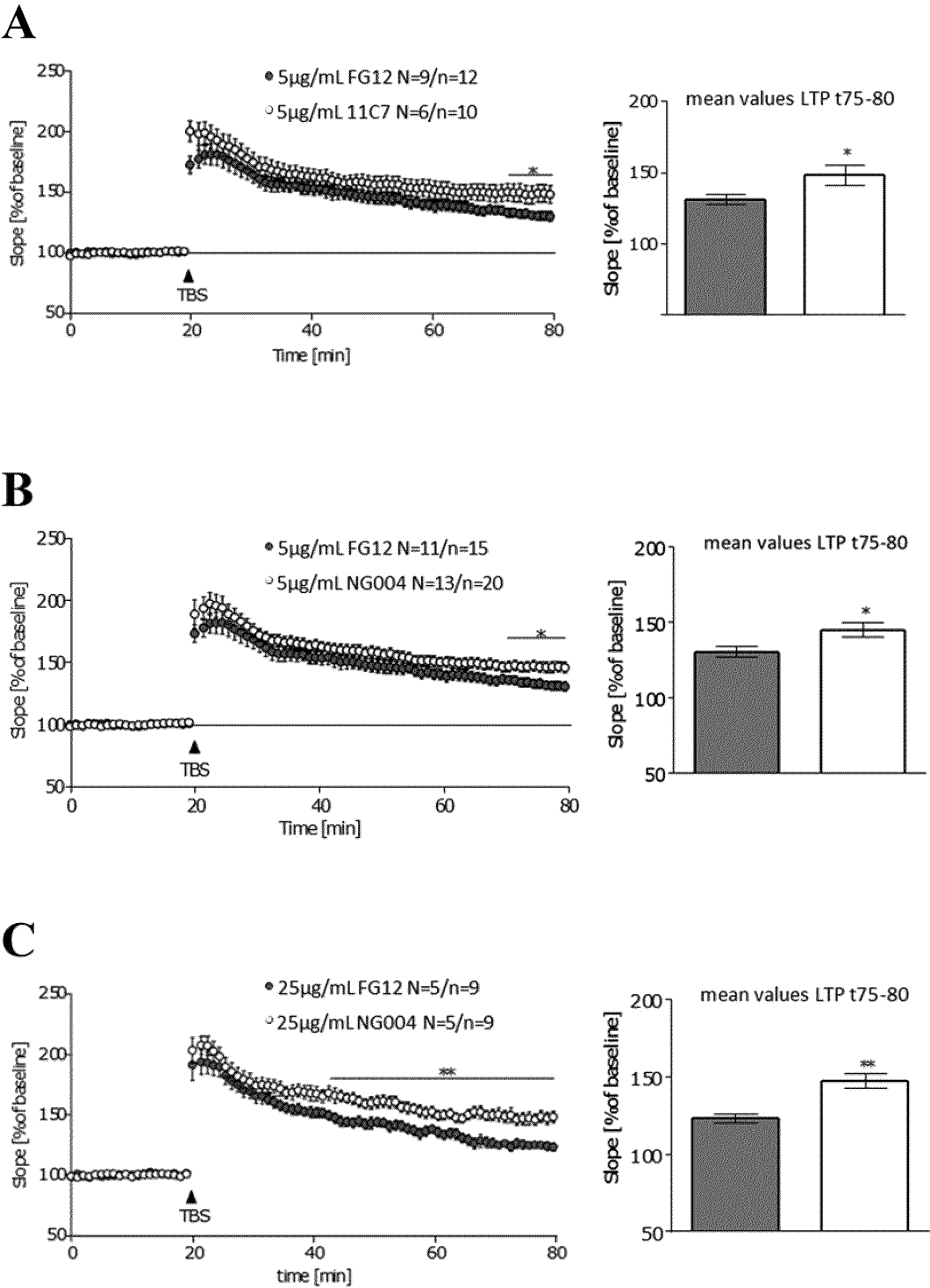


Fig. 6

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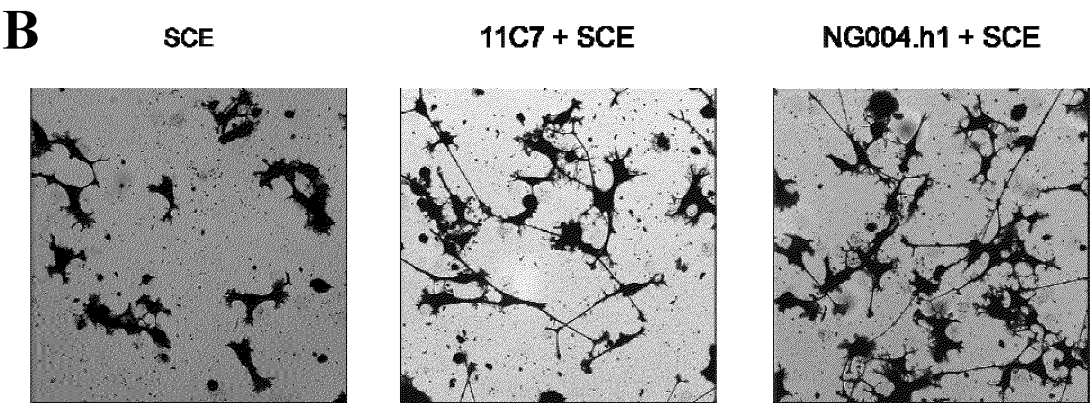
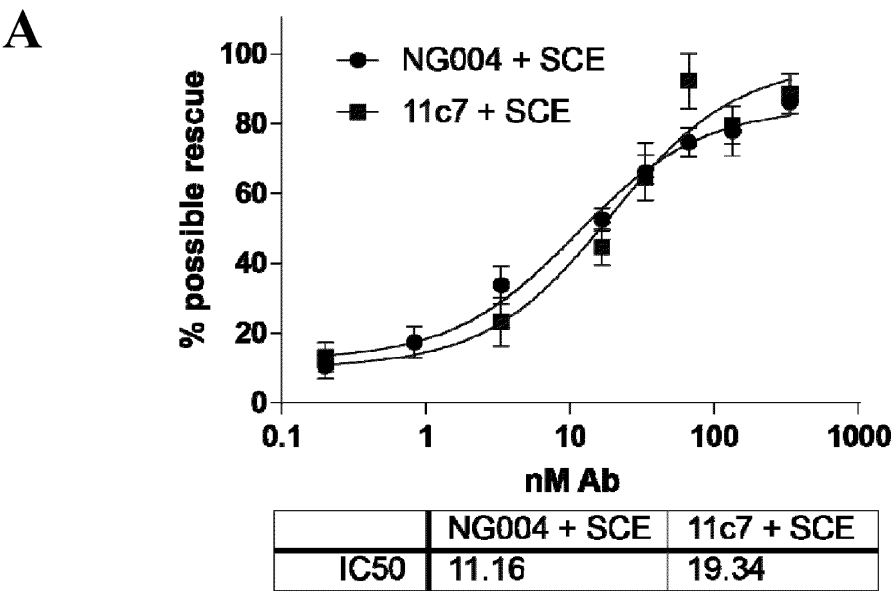
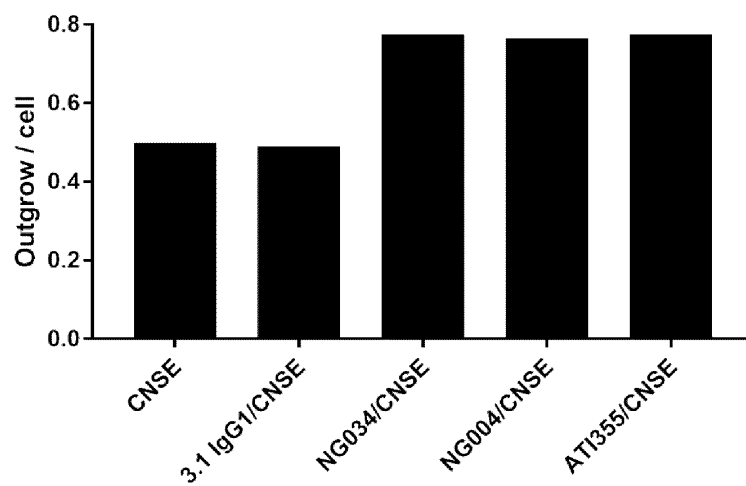
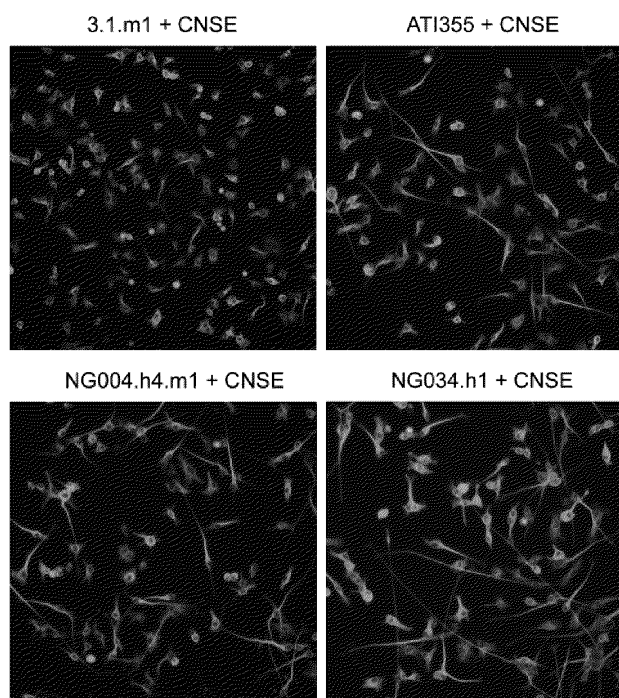


Fig. 7

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C**D****Fig. 7 (continued)**

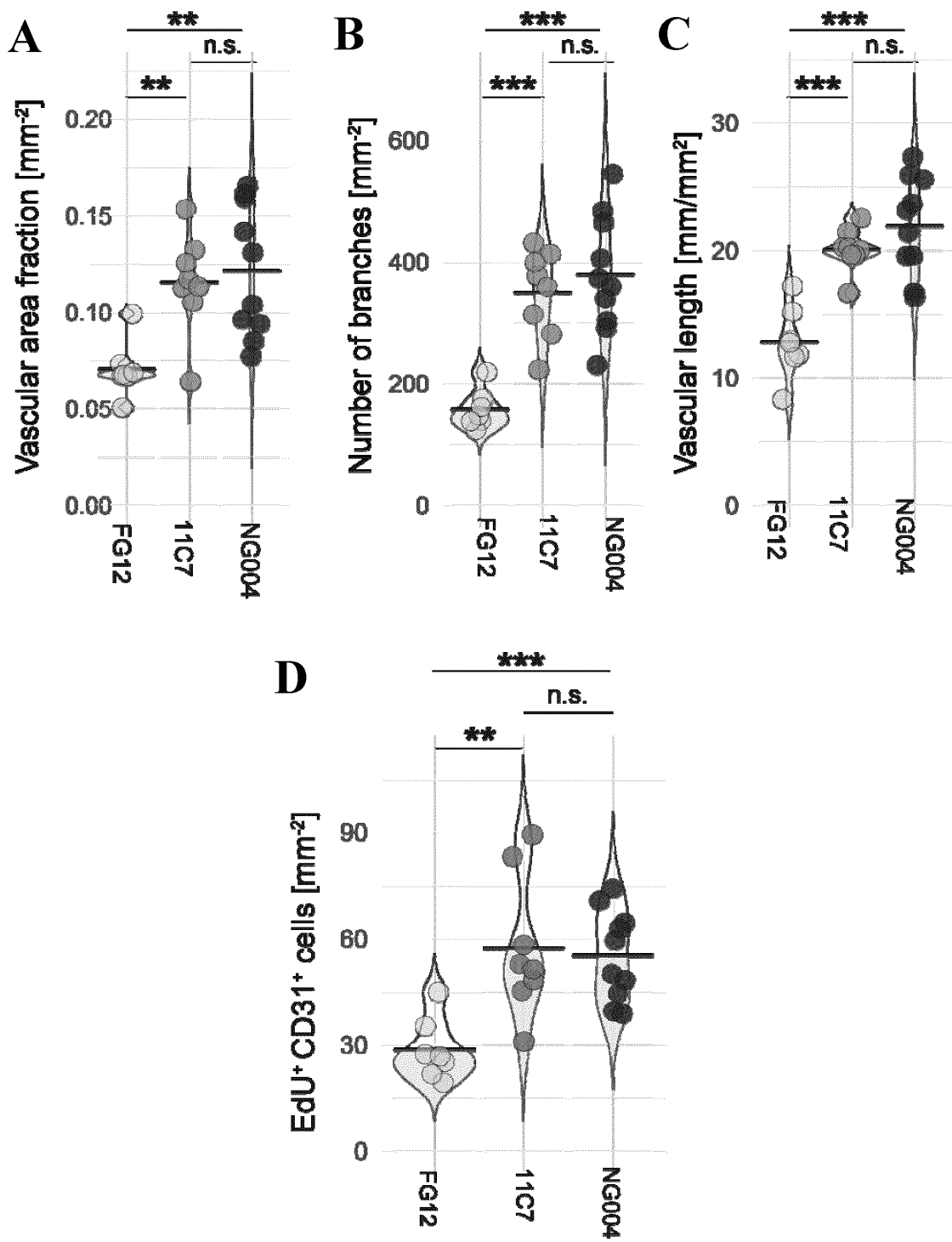
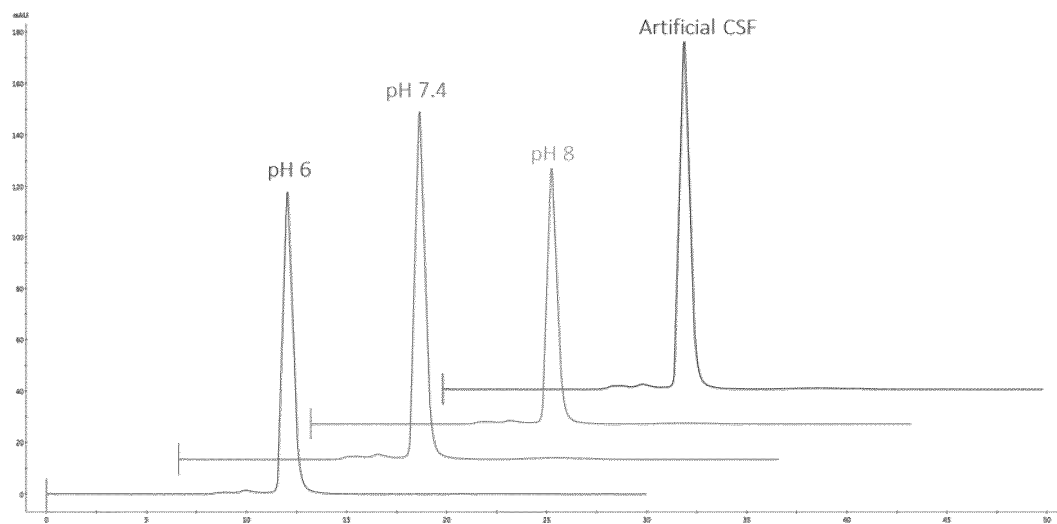
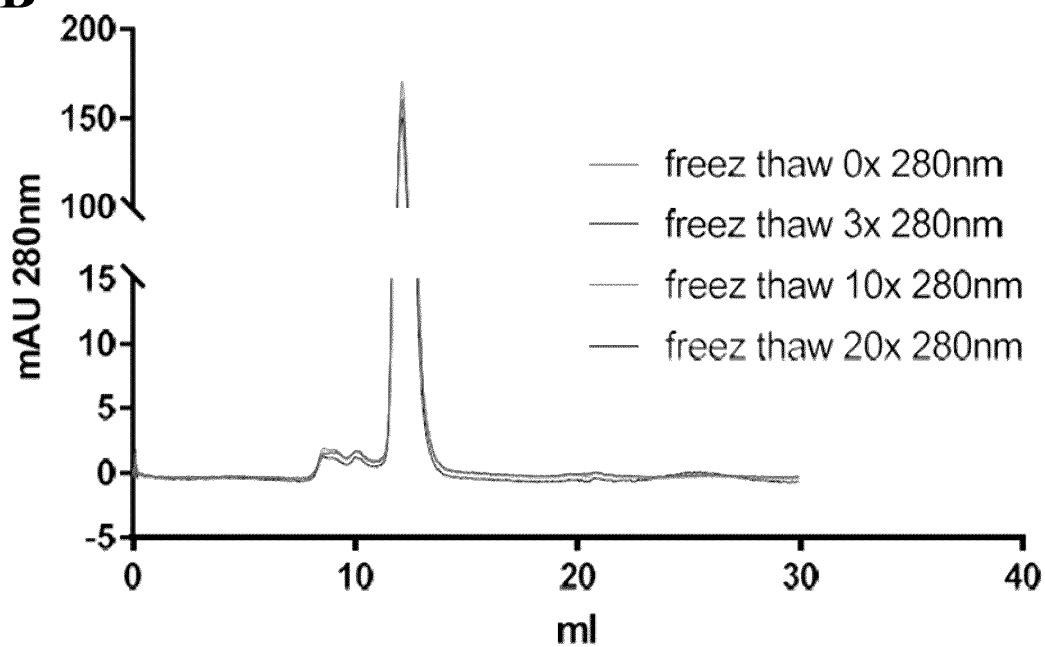


Fig. 8

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A**B****Fig. 9**

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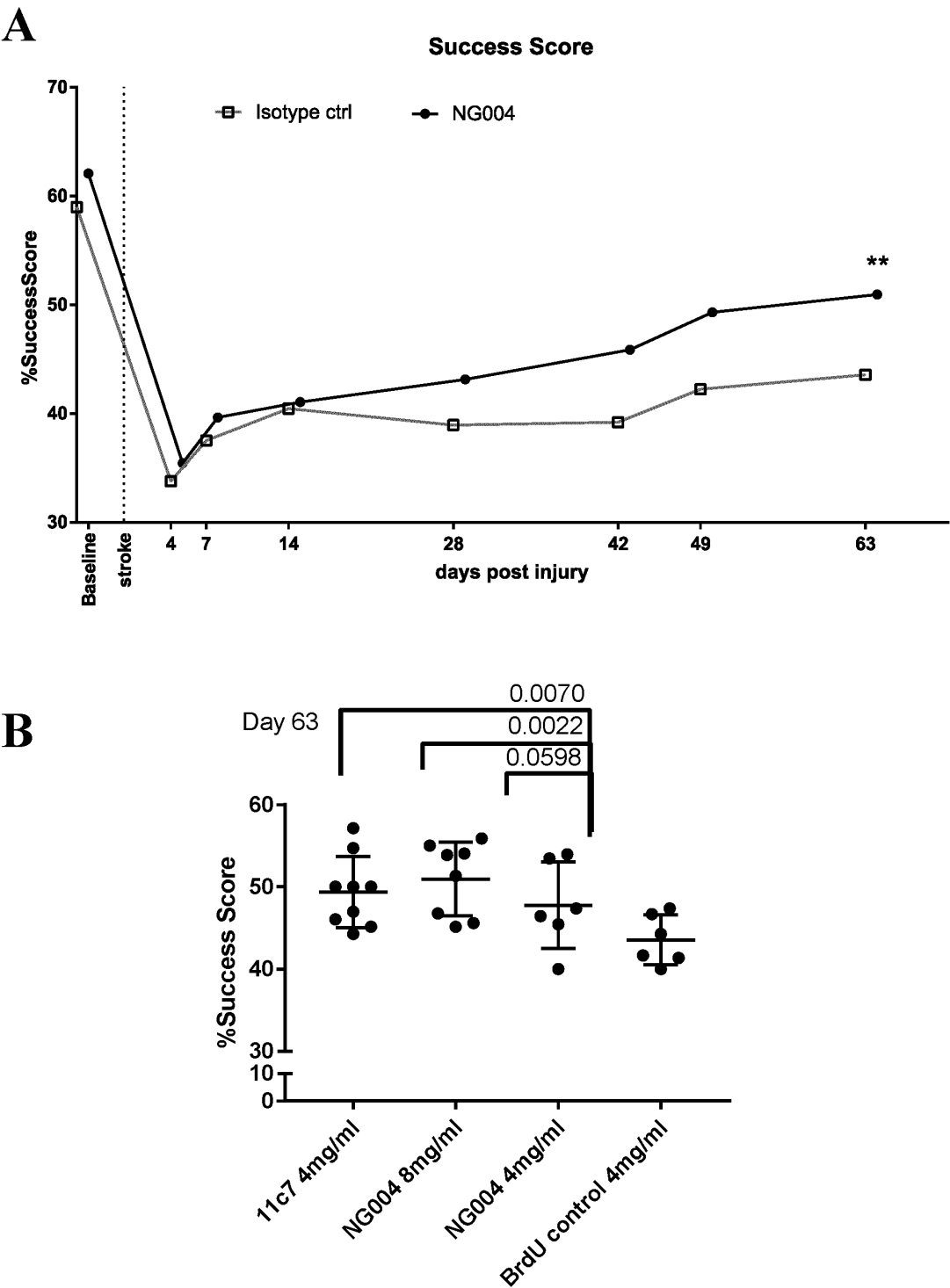
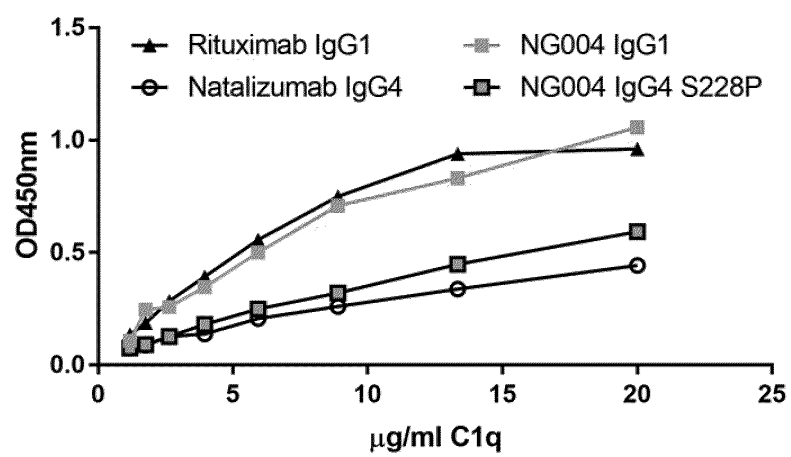


Fig. 10

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**Fig. 11**