

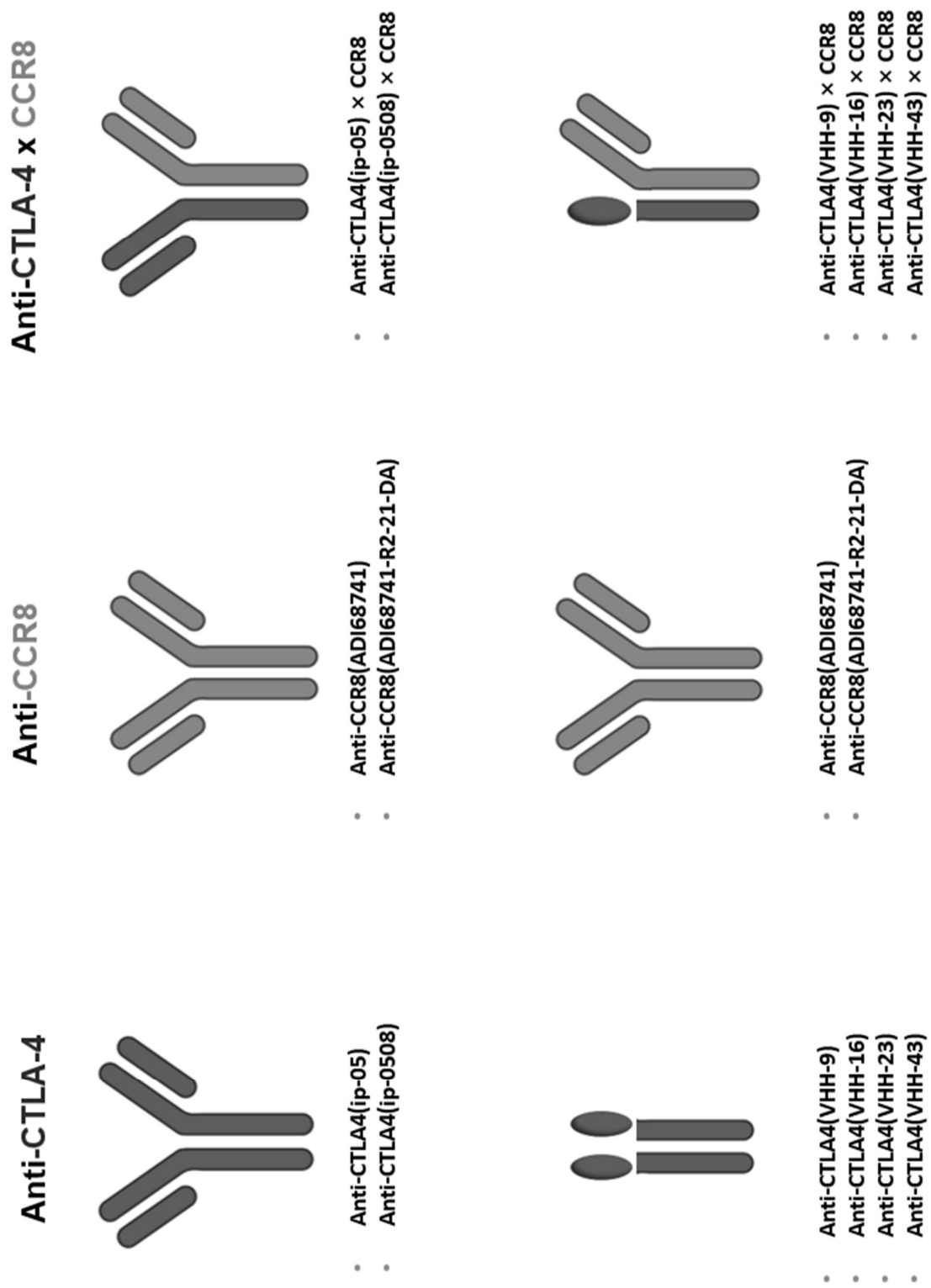


Fig. 1

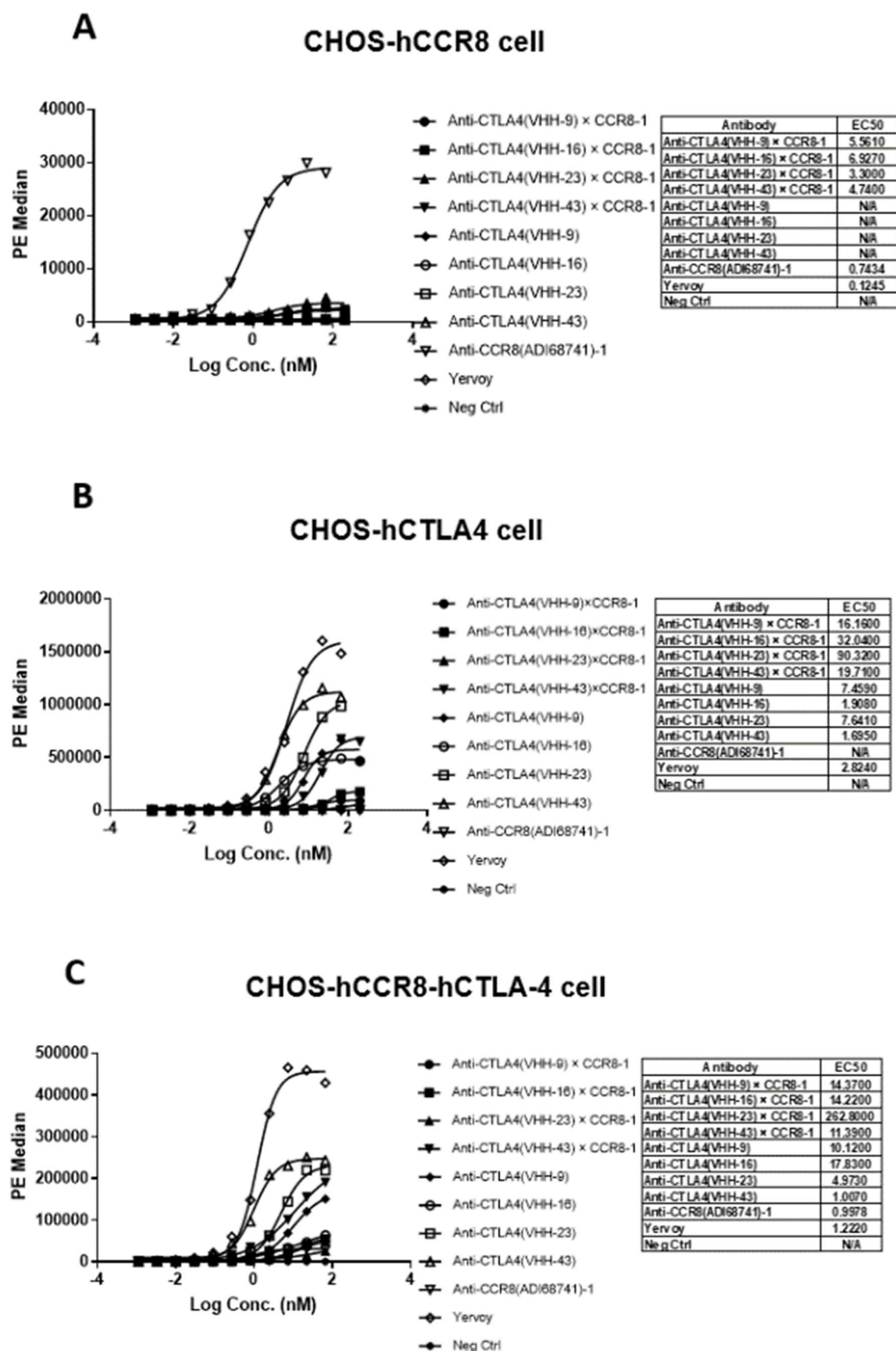


Fig. 2

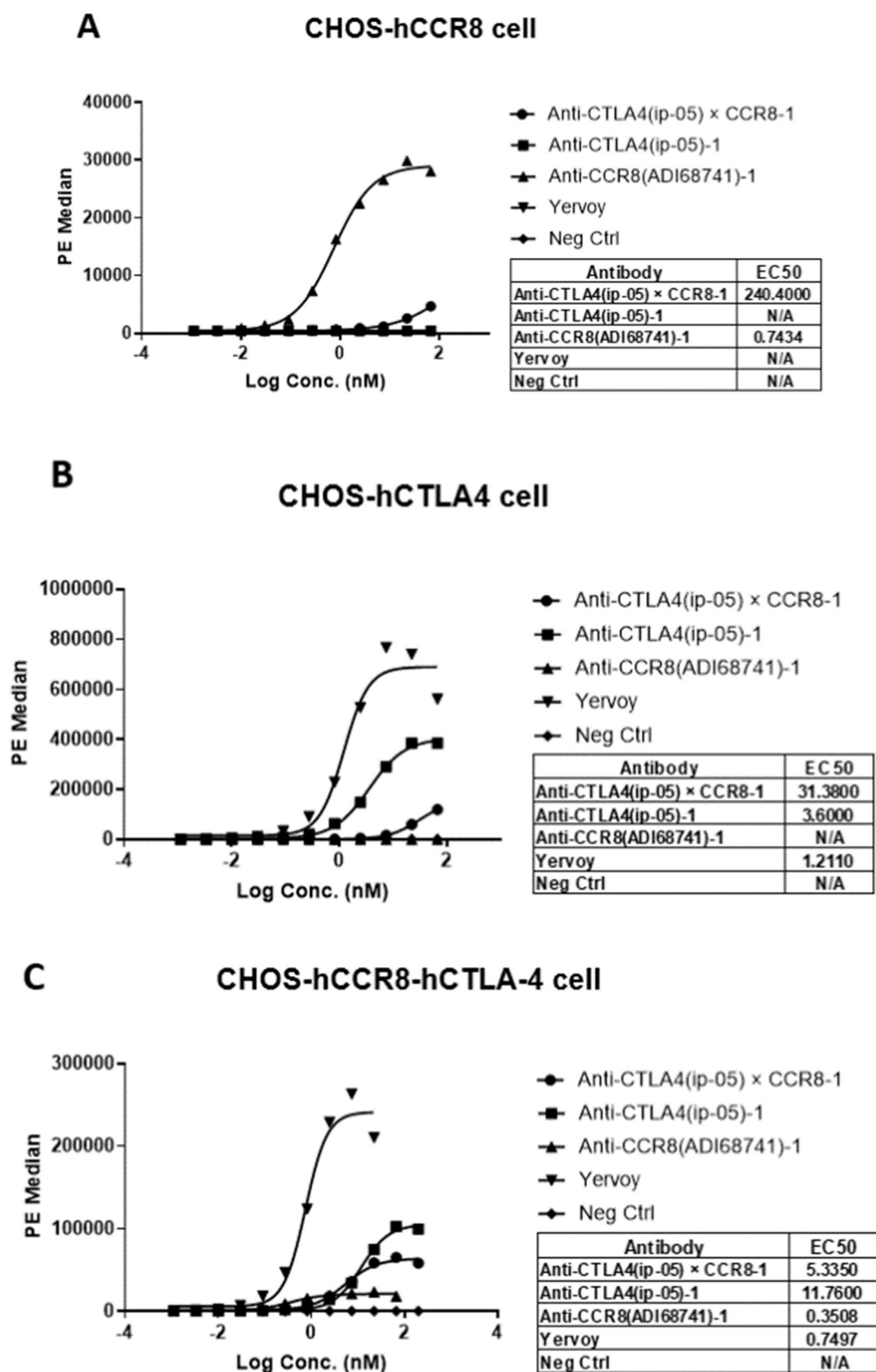


Fig. 3

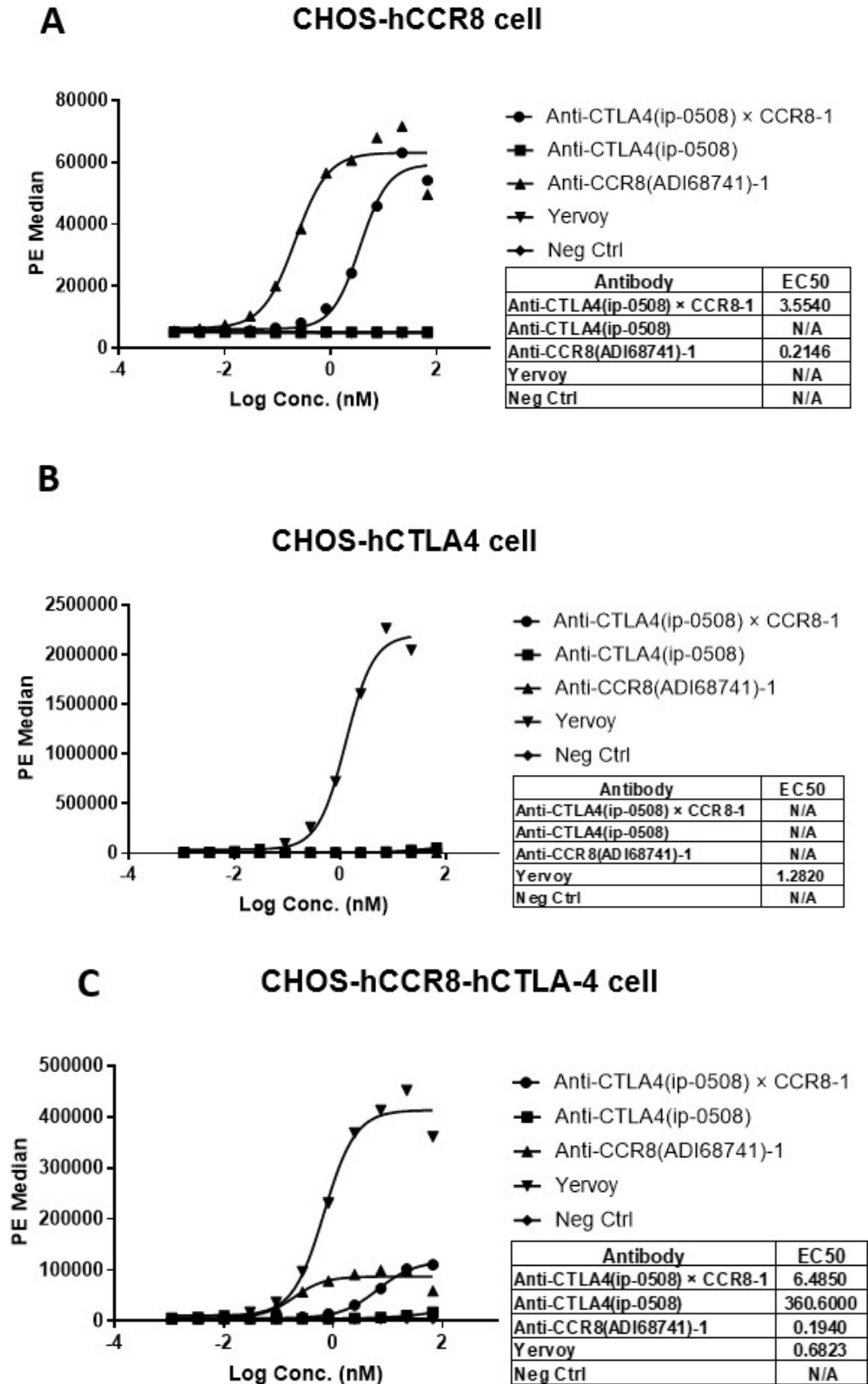


Fig. 4

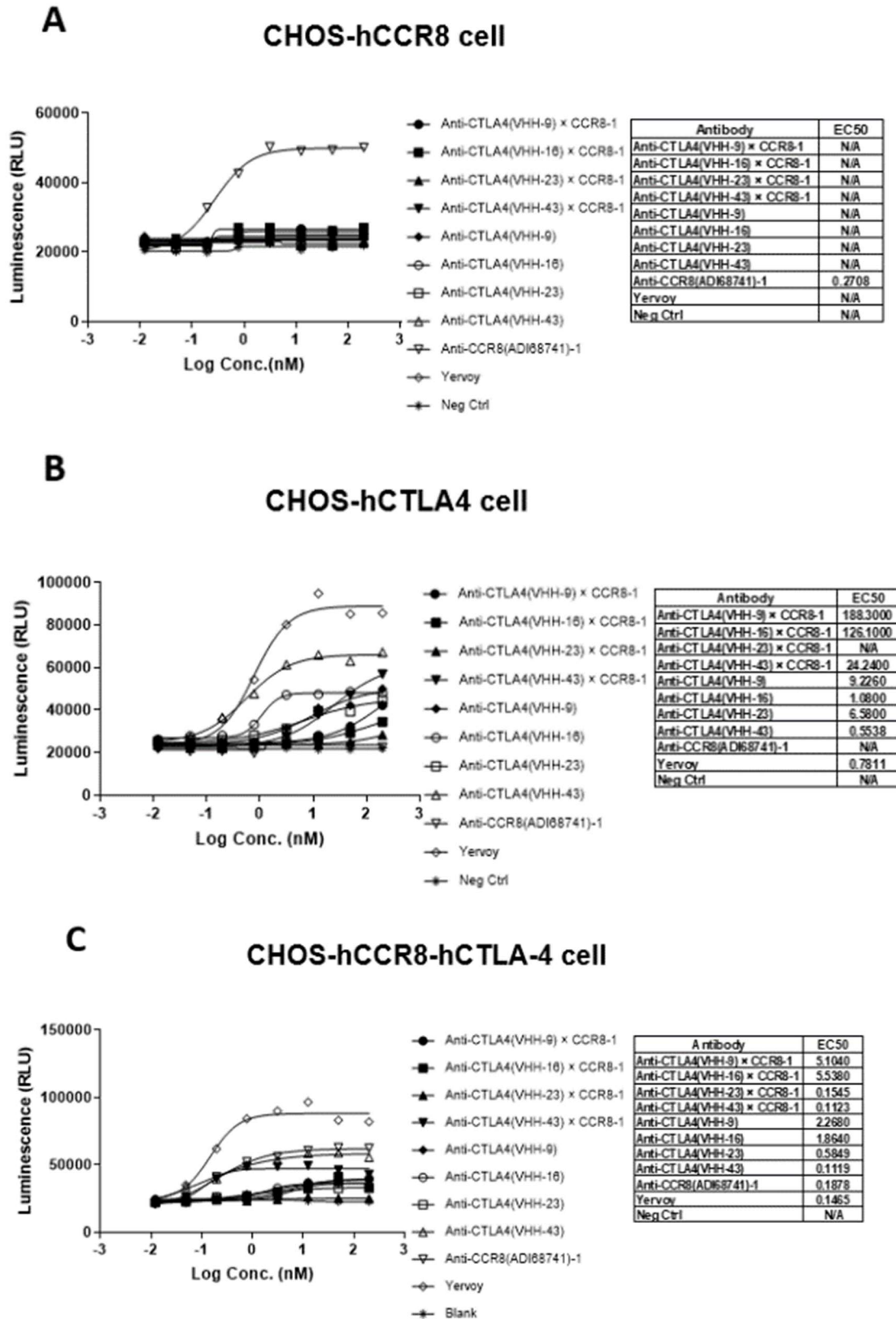


Fig. 5

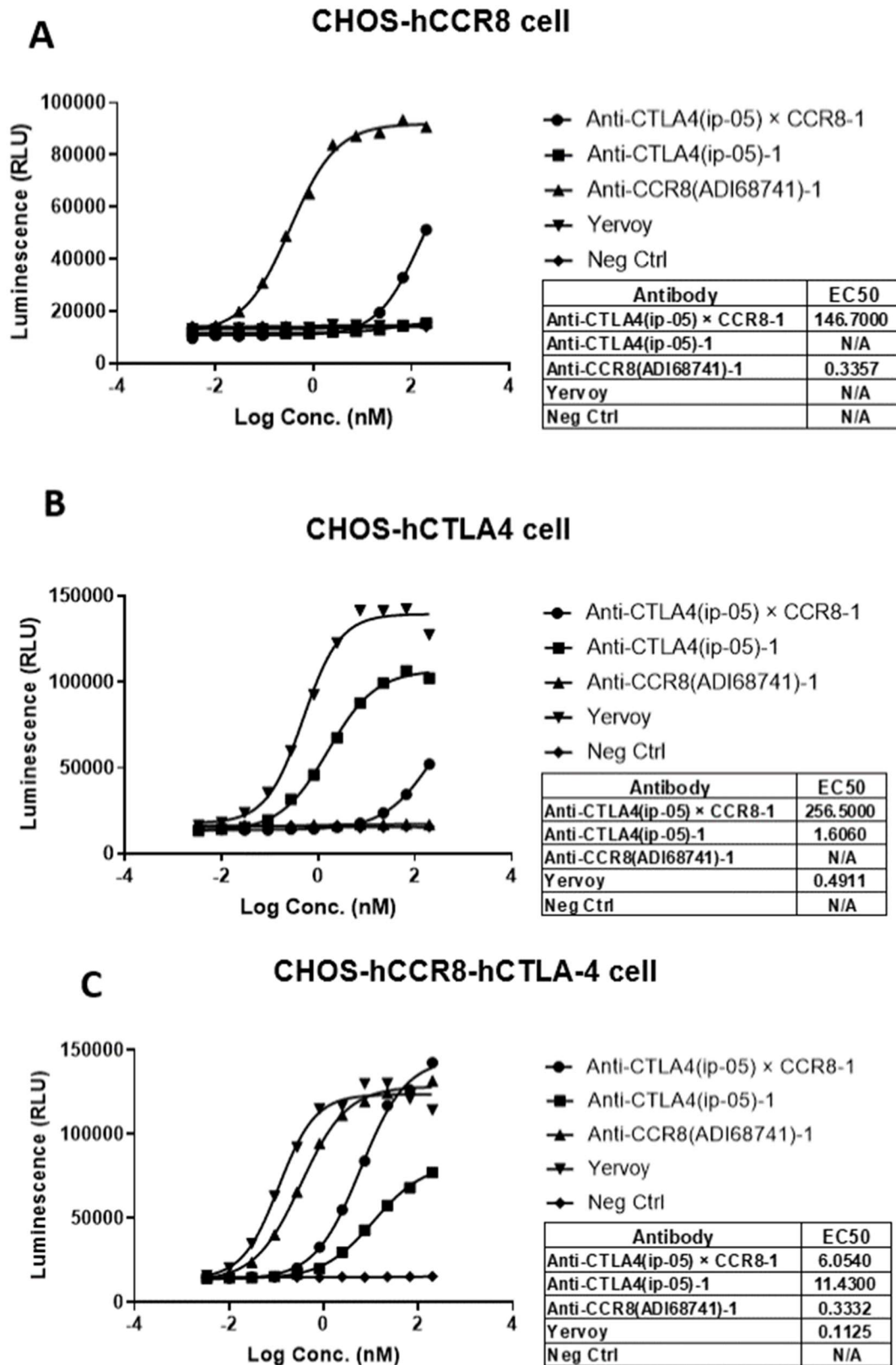


Fig. 6

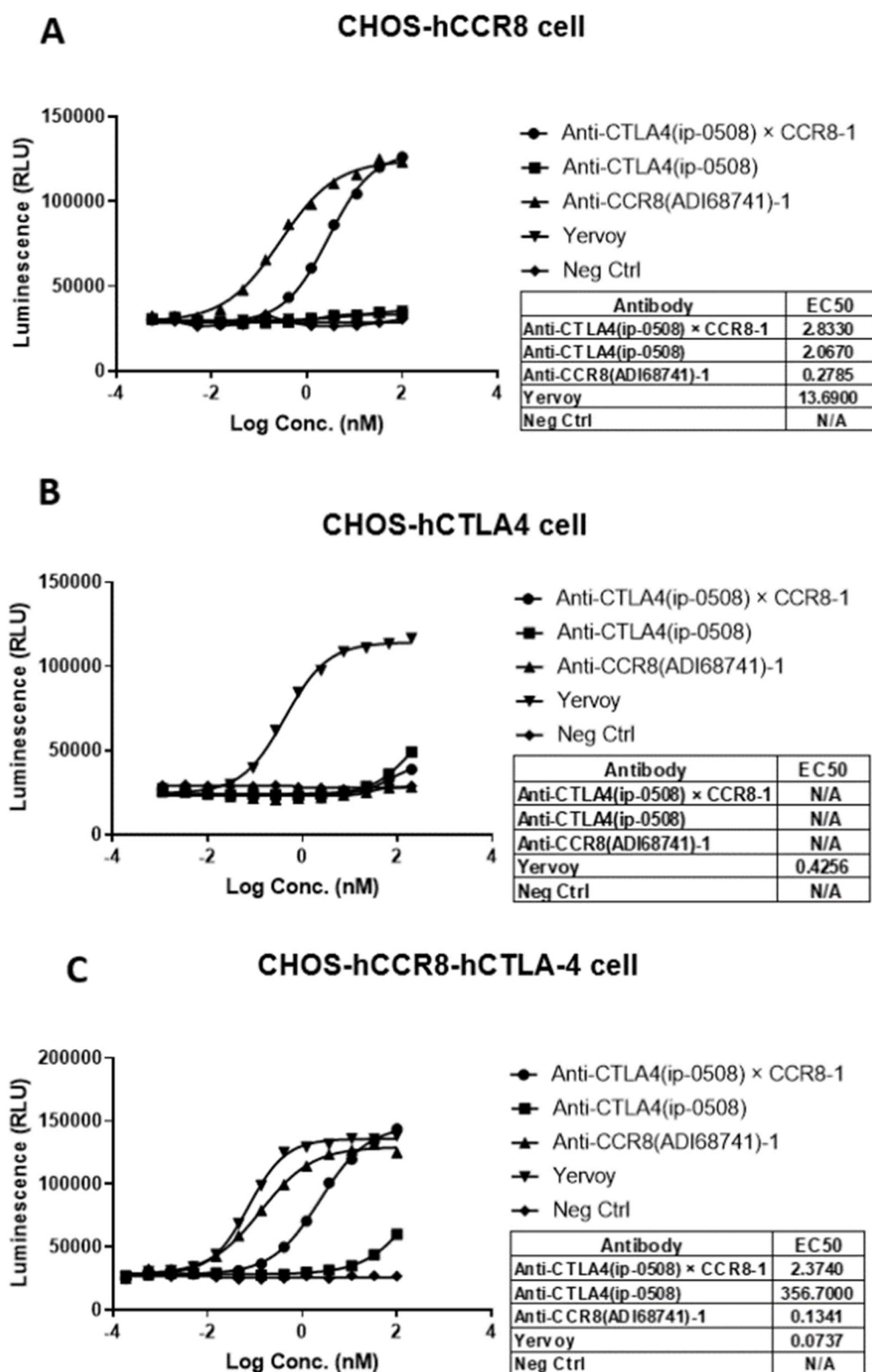


Fig. 7

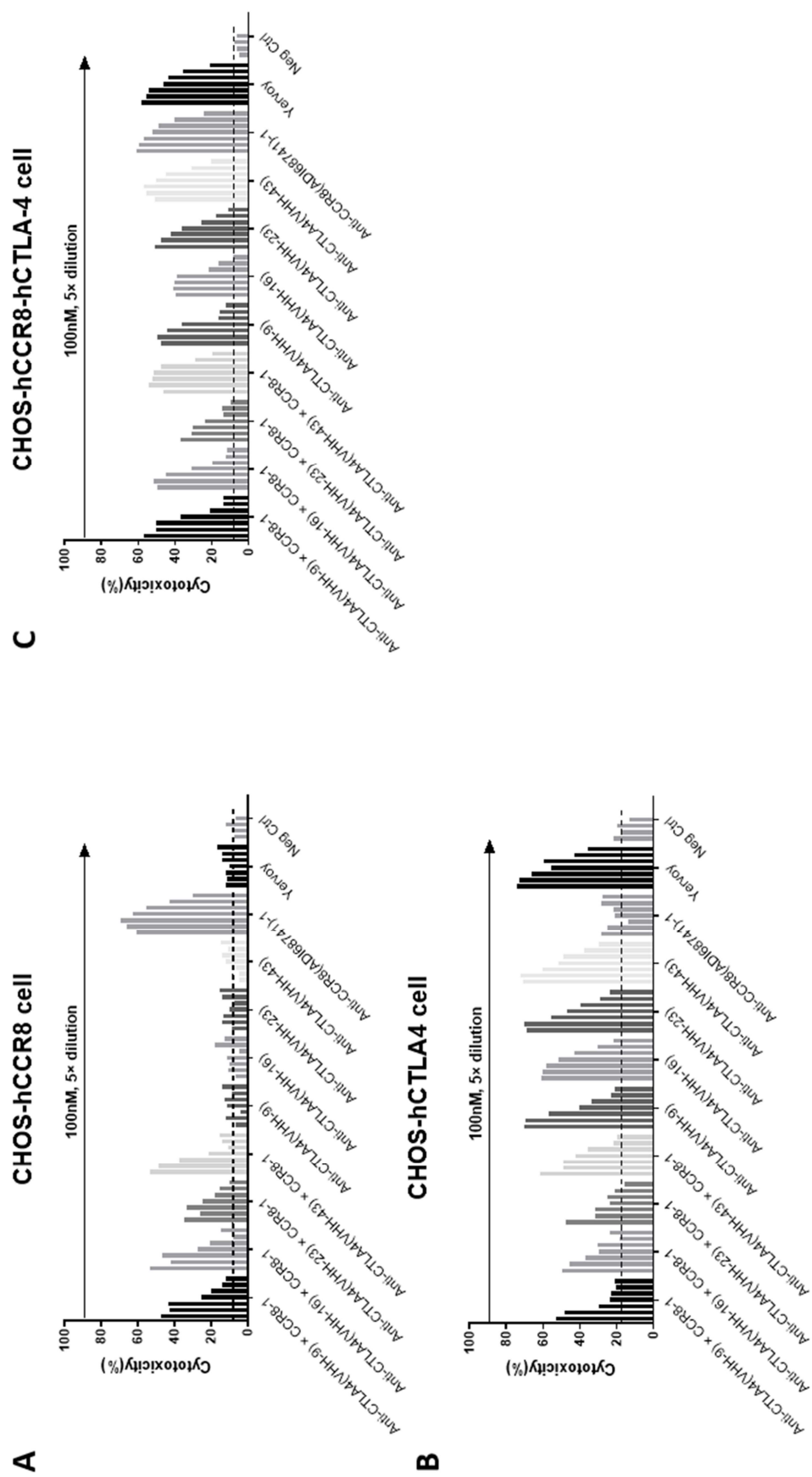


Fig. 8

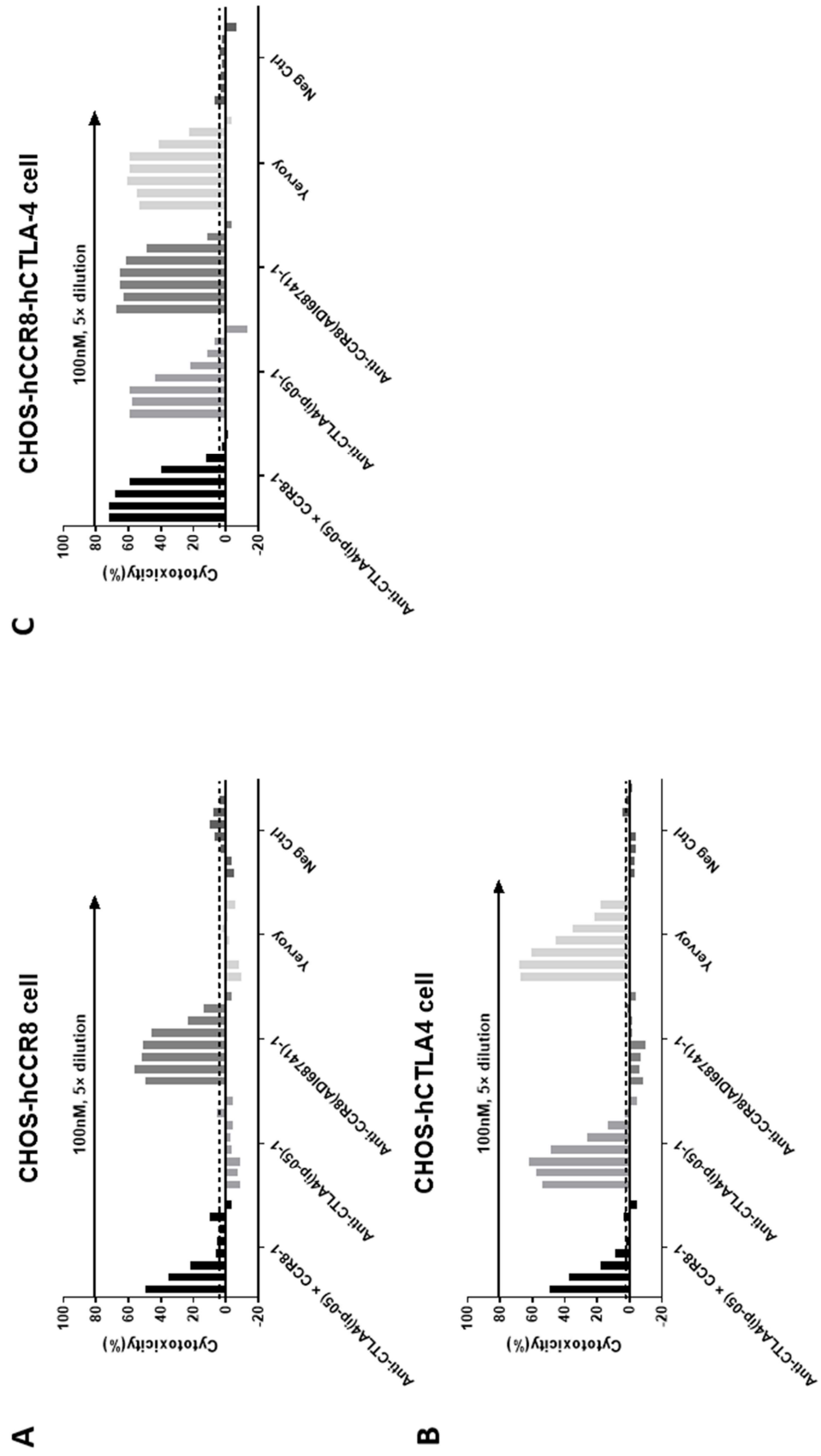


Fig. 9

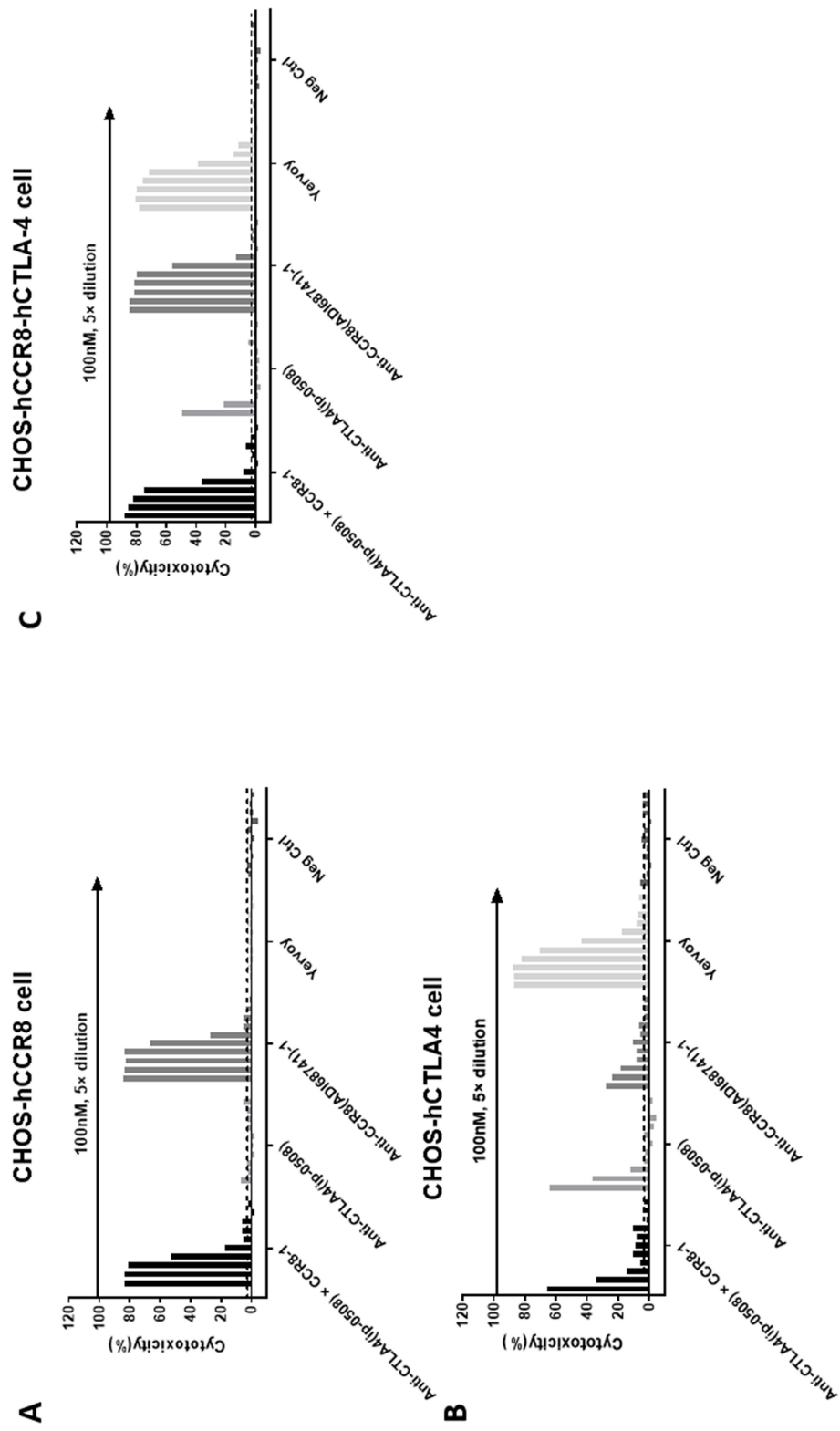


Fig. 10

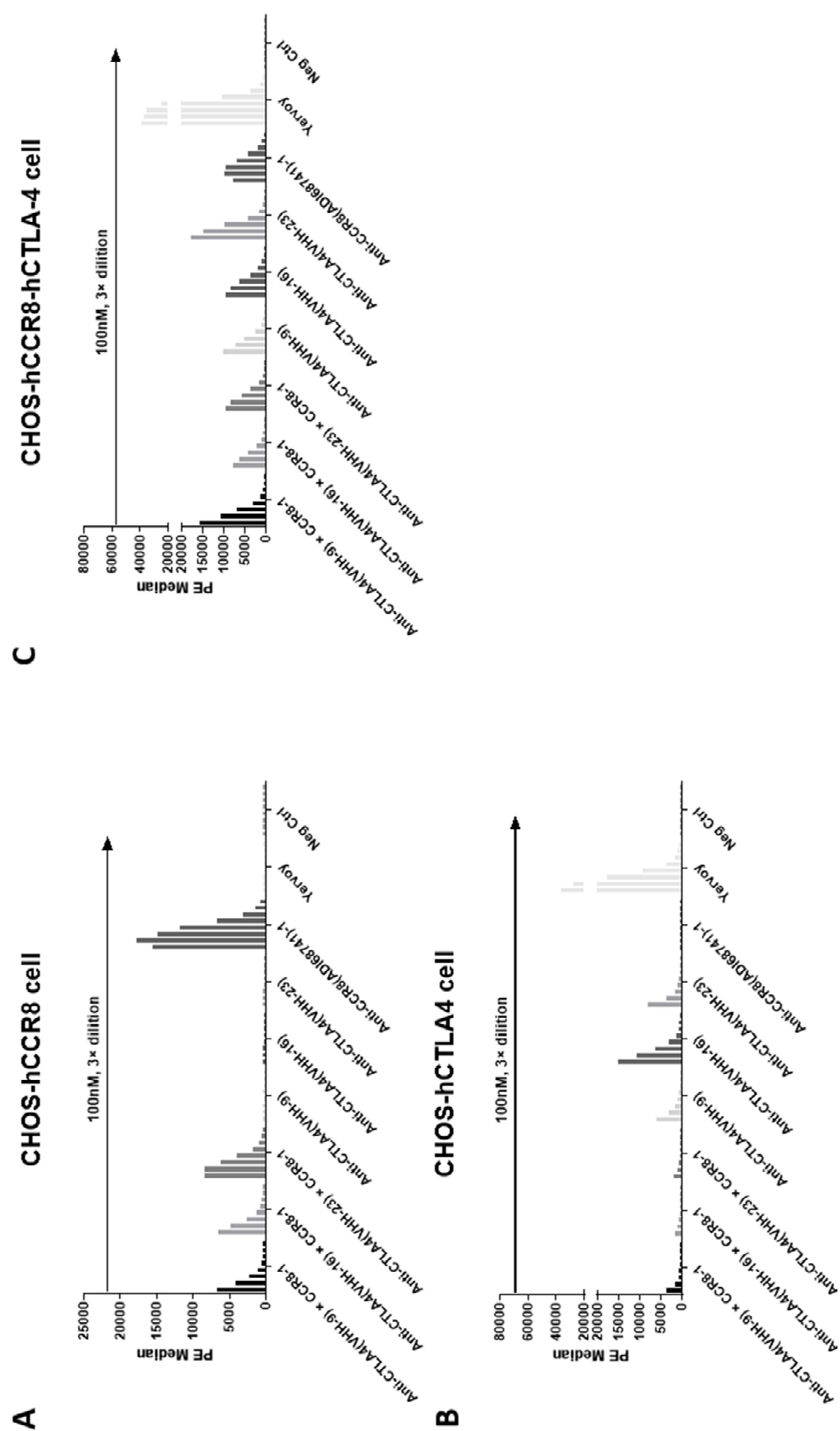


Fig. 11

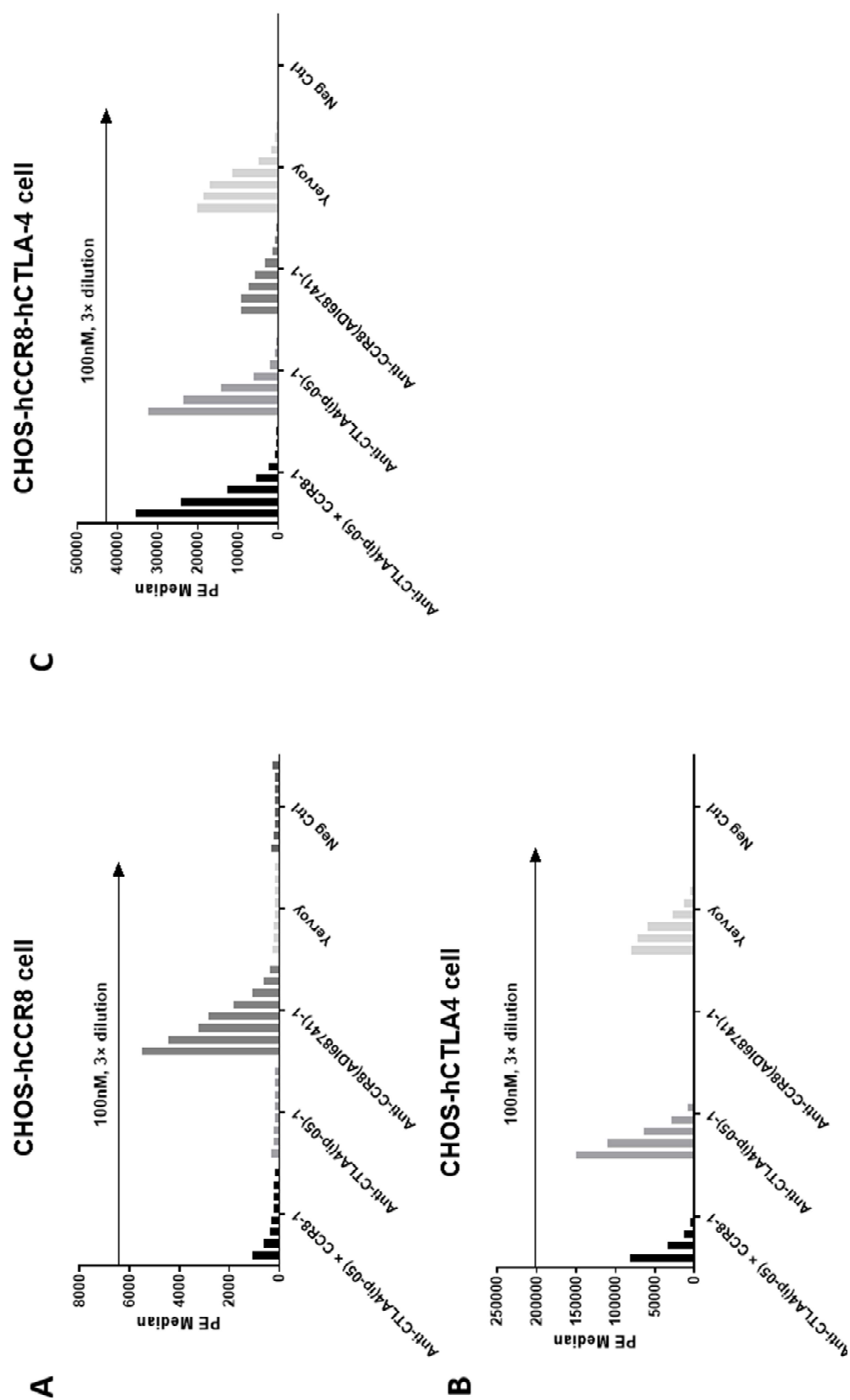


Fig. 12

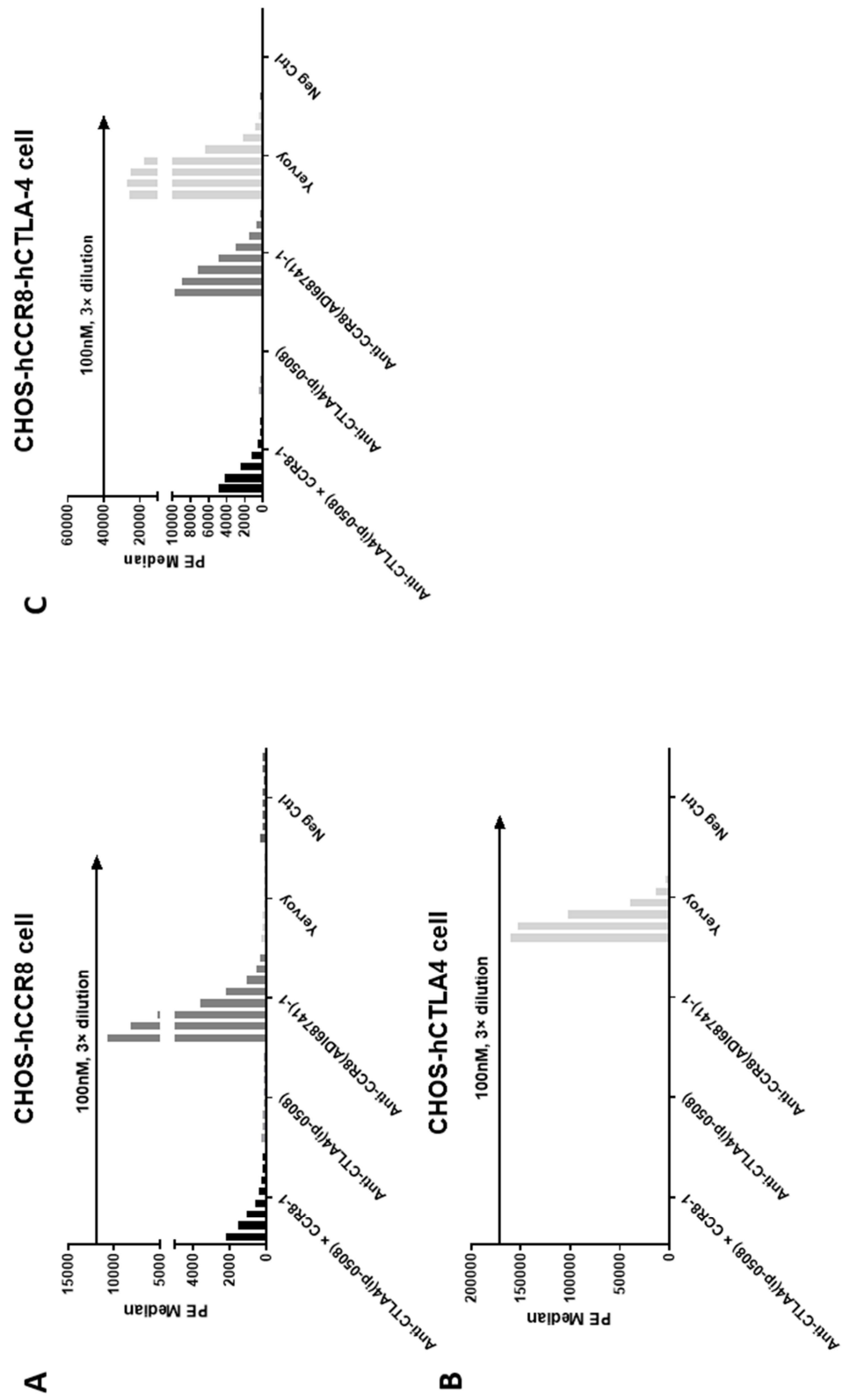


Fig. 13

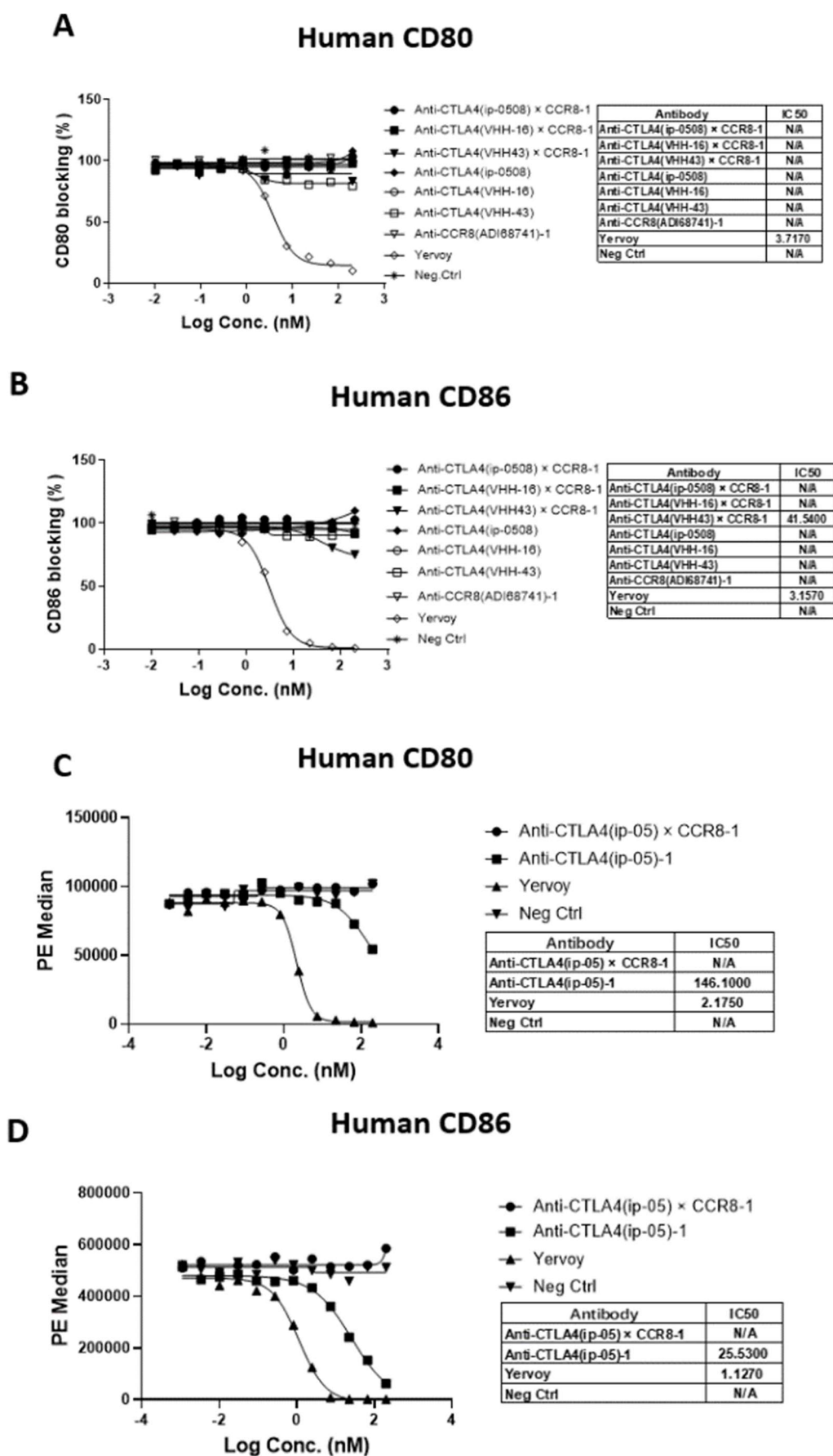


Fig. 14

Anti-CTLA4(ip-05) × CCR8-1

sample	Deamination			
	N137 (CL)	N318 (CH2)	N387 (CH3)	N437 (CH3)
Anti-CTLA4(ip-05) × CCR8-1 0h	0.2%	0.8%	0.5%	1.2%
Anti-CTLA4(ip-05) × CCR8-1 HT4W	0.4%	0.8%	0.6%	2.5%
sample	Isomerization			
	D167(CL)	D99 (HC-CDR3)	D283(CH2)	D404(CH3)
Anti-CTLA4(ip-05) × CCR8-1 0h	0.2%	0.3%	1.2%	0.6%
Anti-CTLA4(ip-05) × CCR8-1 HT4W	0.2%	2.2%	2.9%	0.9%
sample	Oxidation			
	M34(HC-CDR1)	M255(CH2)	M431(CH3)	
Anti-CTLA4(ip-05) × CCR8-1 0h	0.8%	2.3%		1.1%
Anti-CTLA4(ip-05) × CCR8-1 HT4W	0.5%	3.2%		1.8%
Sample	Pyro E			
	E1(LC-FR1)	E1(HC-FR1)		
Anti-CCR8(AD/68741) 0h	0.4%		0.7%	
Anti-CCR8(AD/68741) HT4W	0.5%		1.7%	

Anti-CTLA4(ip-05) × CCR8-2

Sample	Deamination			
	N137 (CL)	N318 (CH2)	N387 (CH3)	N437 (CH3)
Anti-CTLA4(ip-05) × CCR8-2 0h	0.3%	0.7%	0.5%	1.0%
Anti-CTLA4(ip-05) × CCR8-2 HT4W	0.3%	0.8%	0.6%	2.1%
Sample	Isomerization			
	D167(CL)		D283(CH2)	D404(CH3)
Anti-CTLA4(ip-05) × CCR8-2 0h	0.5%		1.2%	0.9%
Anti-CTLA4(ip-05) × CCR8-2 HT4W	0.5%		2.7%	1.2%
Sample	Oxidation			
	M34 (HC-CDR1)	M54 (HC-CDR2)	M253 (CH2)	M429 (CH3)
Anti-CTLA4(ip-05) × CCR8-2 0h	0.5%	2.8%	2.5%	1.5%
Anti-CTLA4(ip-05) × CCR8-2 HT4W	0.5%	3.4%	3.1%	1.7%
Sample	Pyro E			
	E1 (LC-FR1)		Gln->Pyro-Glu Q1 (LC-FR1)	
Anti-CTLA4(ip-05) × CCR8-2 0h	0.3%		99.7%	
Anti-CTLA4(ip-05) × CCR8-2 HT4W	0.5%		100%	

Fig. 15

Sample Name	HIC	
	Peak R.T. (min)	Δ RT (min)
		(compared with Neg Ctrl)
Anti-CTLA4(ip-05)-1	6.332	1.972
Anti-CTLA4(ip-05)×CCR8-1	5.195	0.835
Anti-CTLA4(ip-05)×CCR8-2	5.172	0.812
Anti-CTLA4(ip-0508)×CCR8-1	5.392	1.032
Anti-CTLA4(ip-0508)×CCR8-2	5.375	1.015
Neg Ctrl	4.36	0
Yervoy	7.545	3.185

Fig. 16

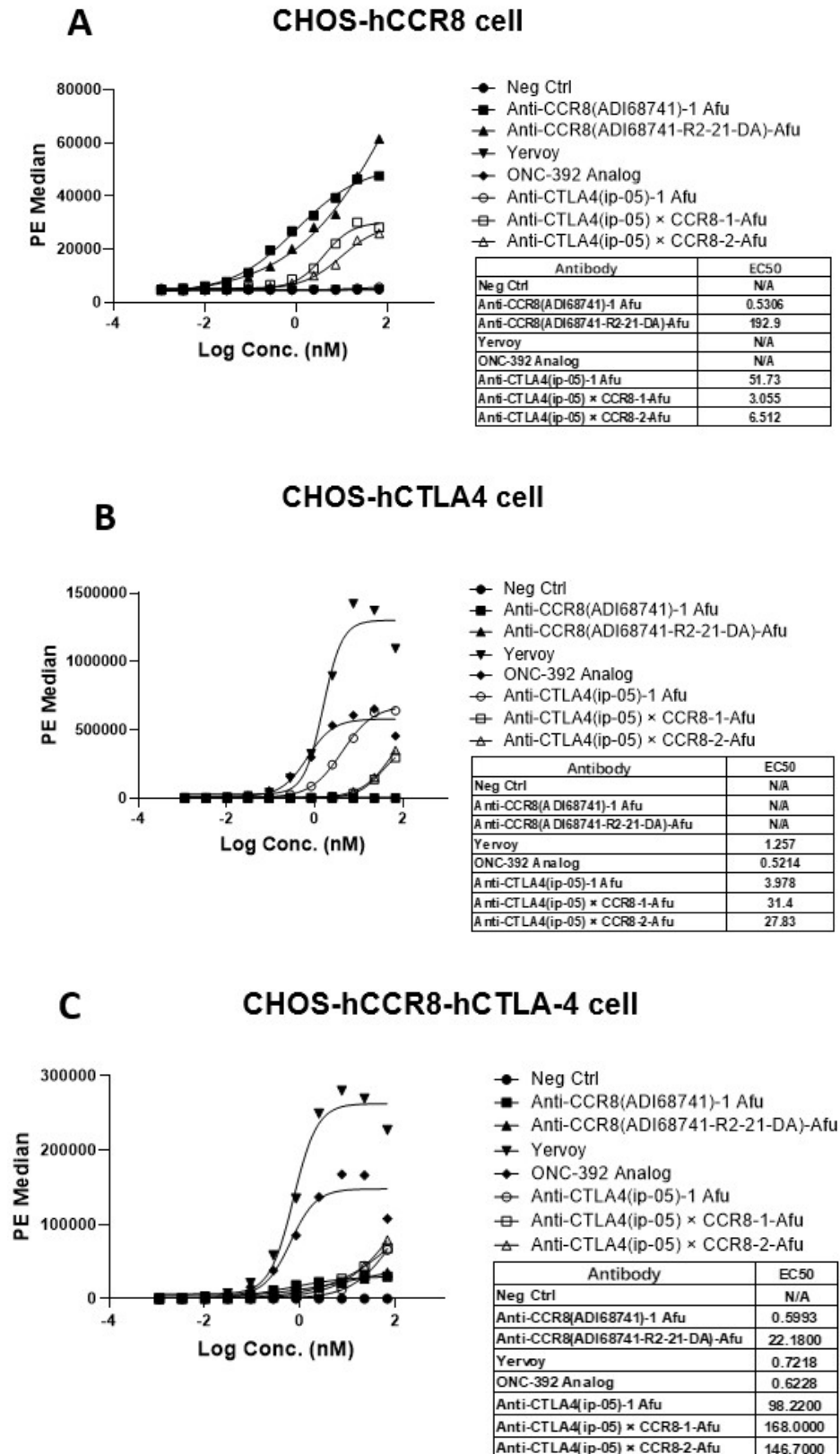


Fig. 17

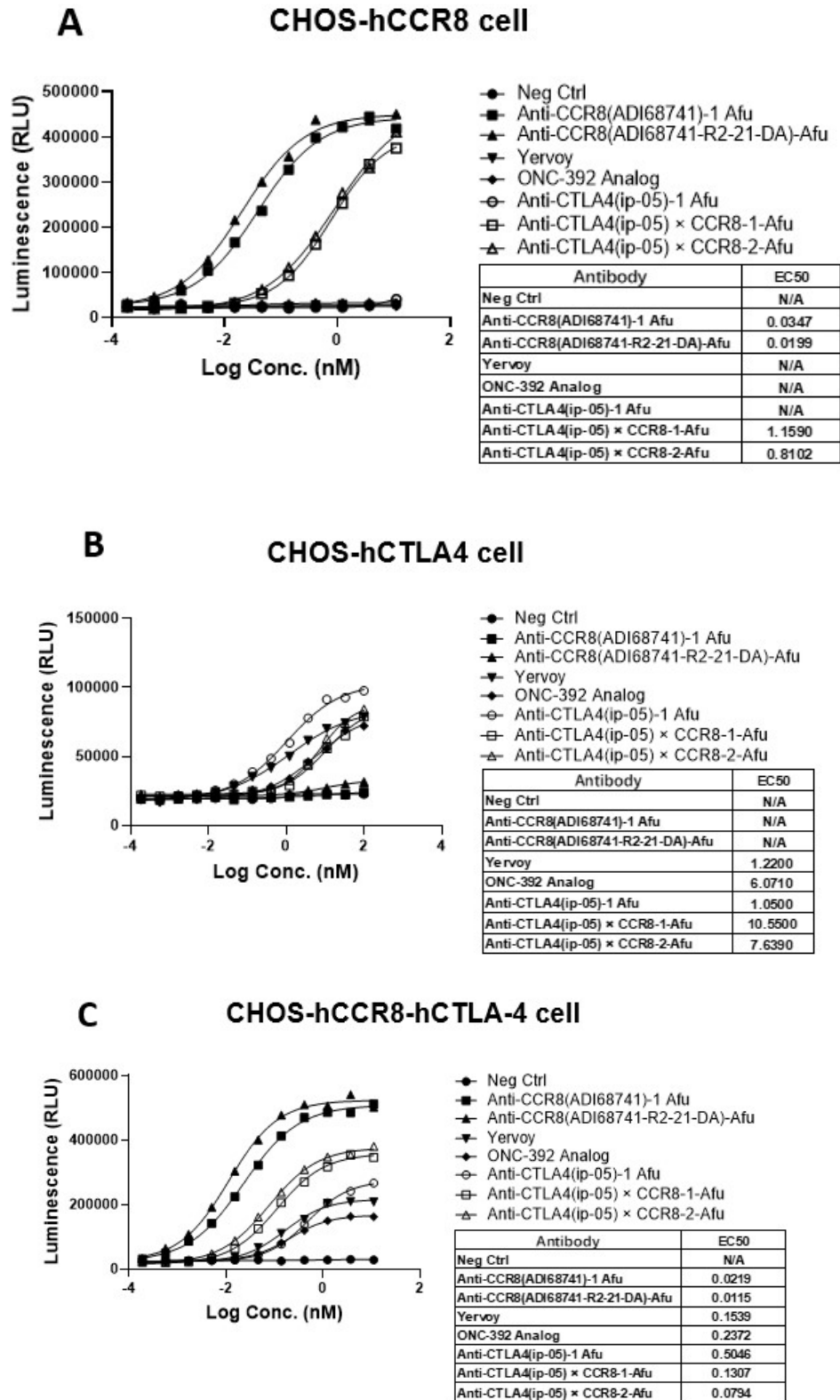


Fig. 18

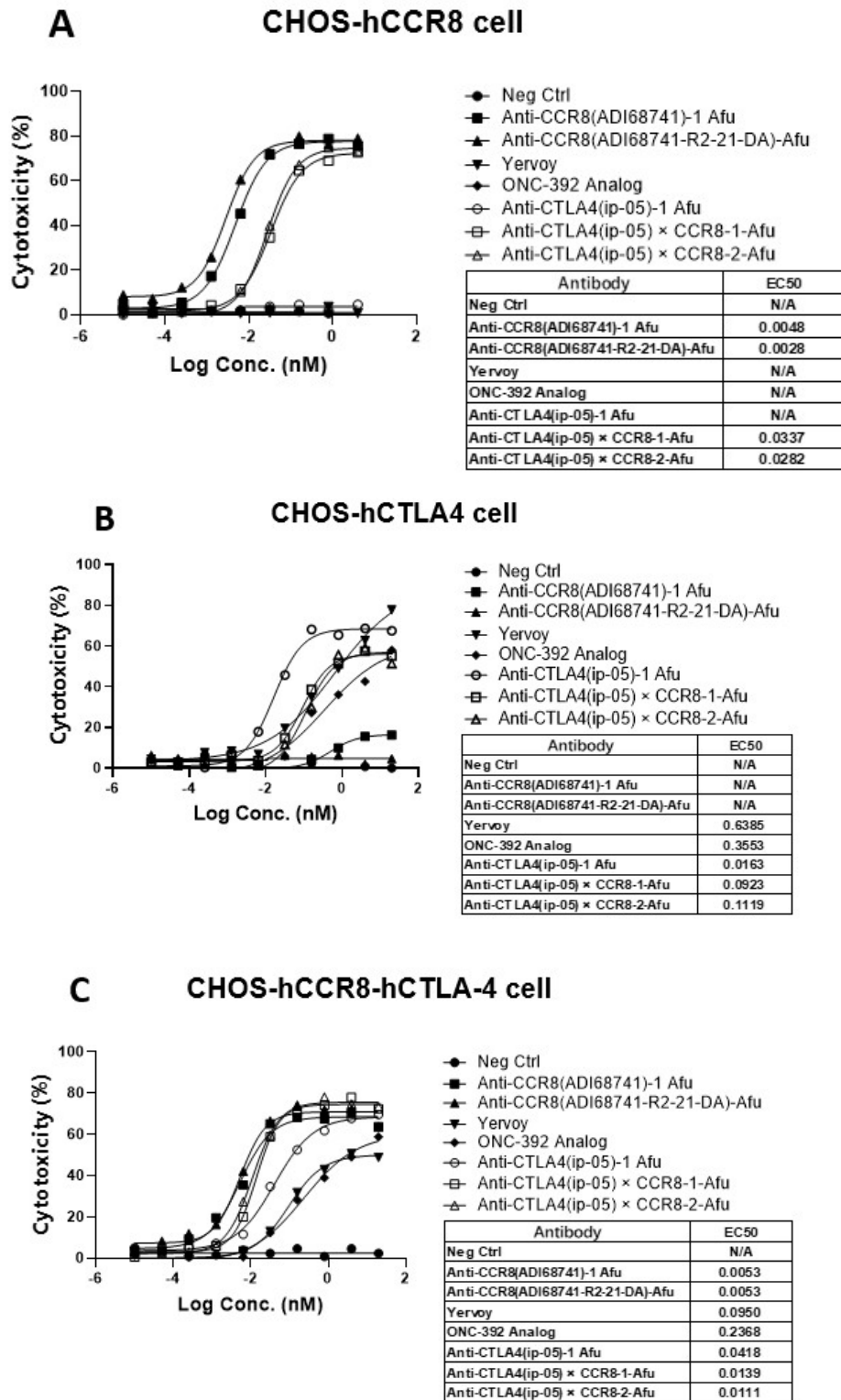


Fig. 19

CT-26 in hCCR8/CTLA-4 double KI mouse

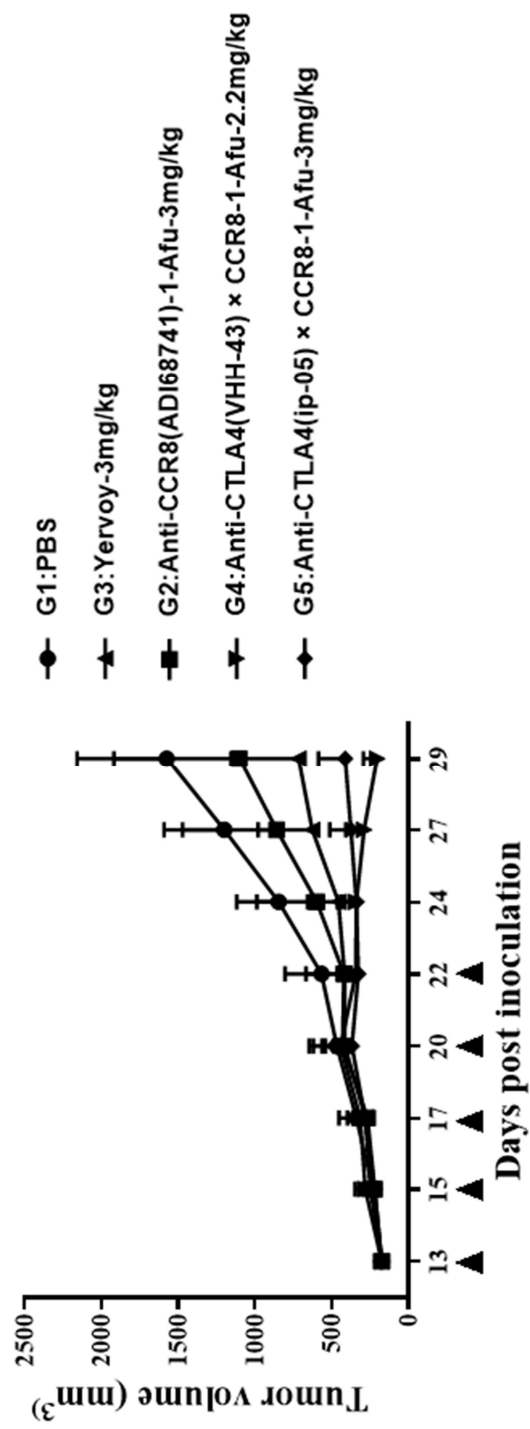


Fig. 20

CT-26 in hCCR8/CTLA-4 double KI mouse

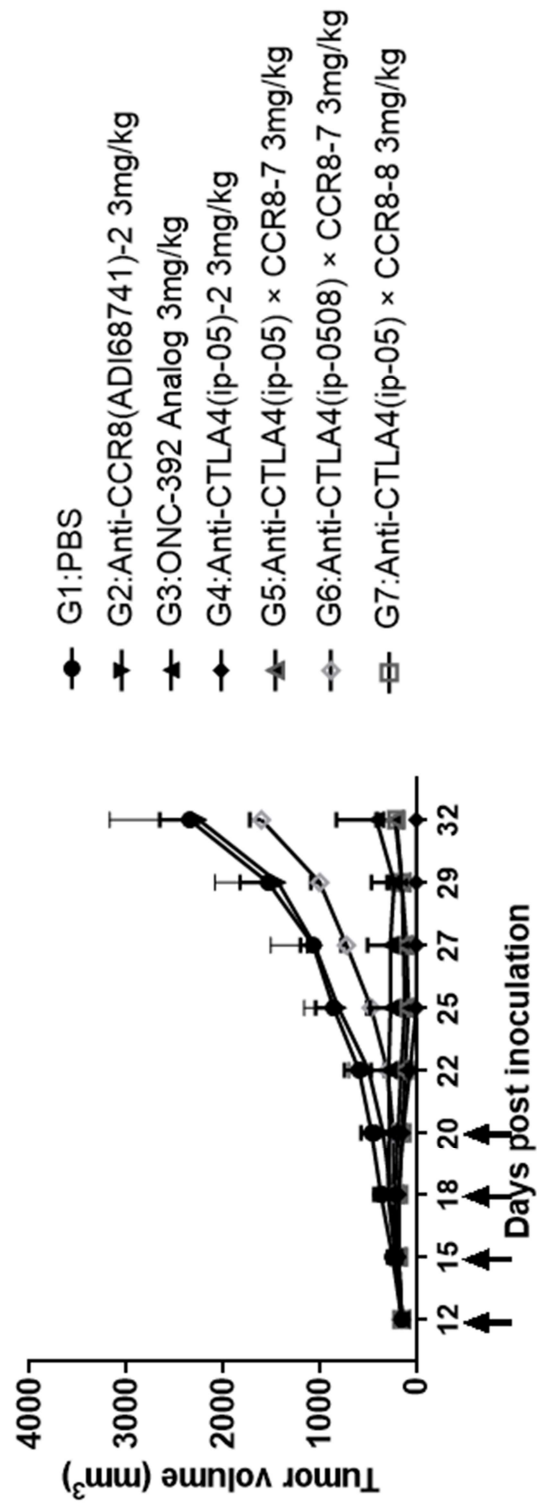


Fig. 21

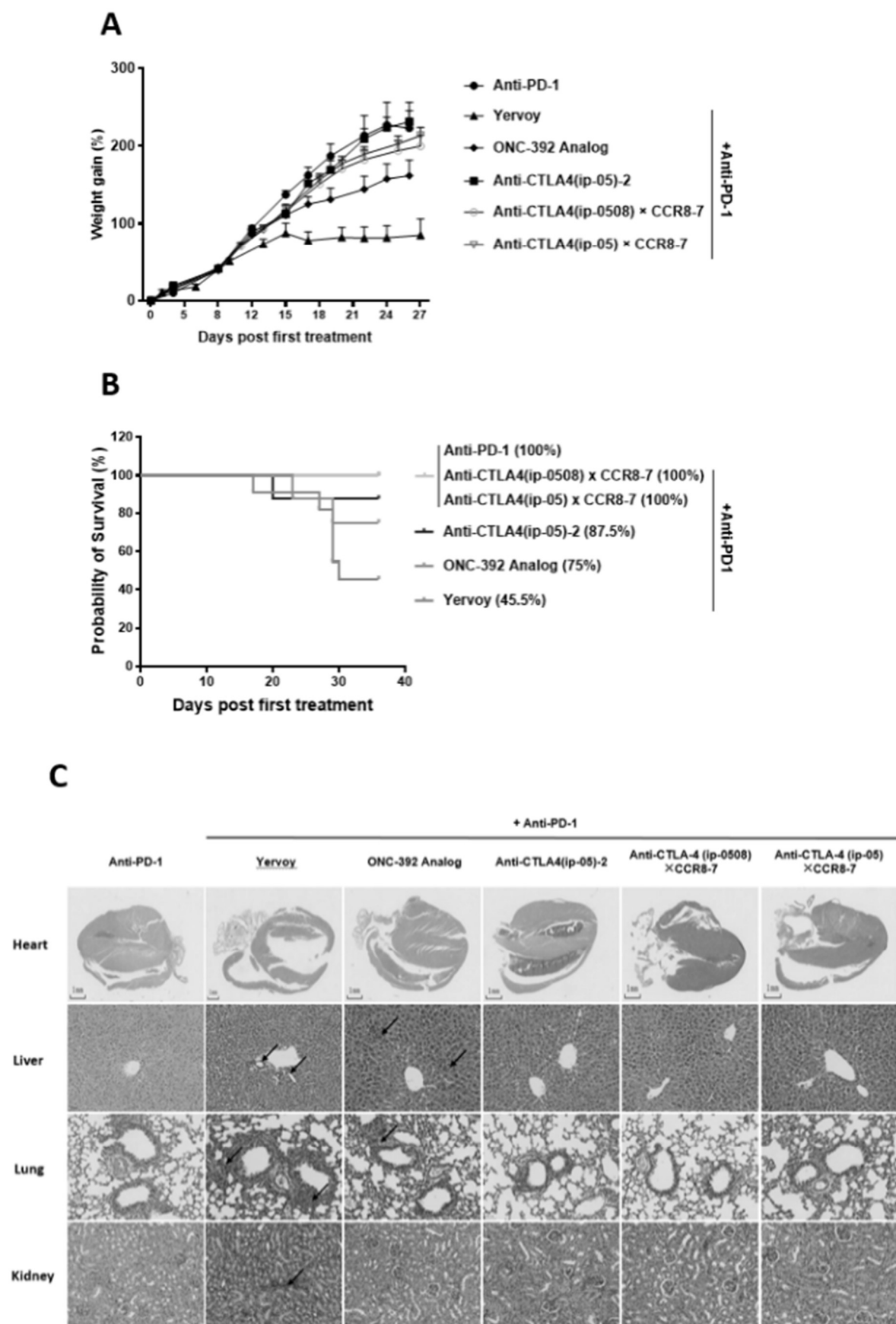
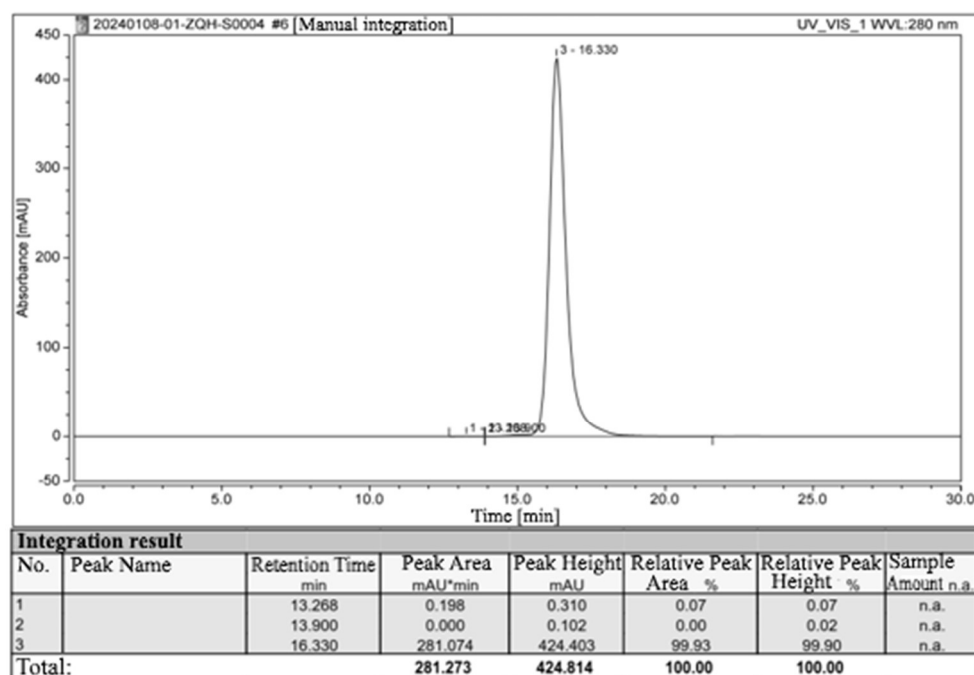
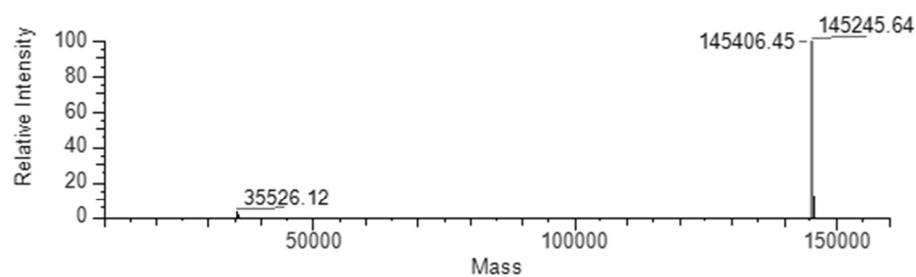
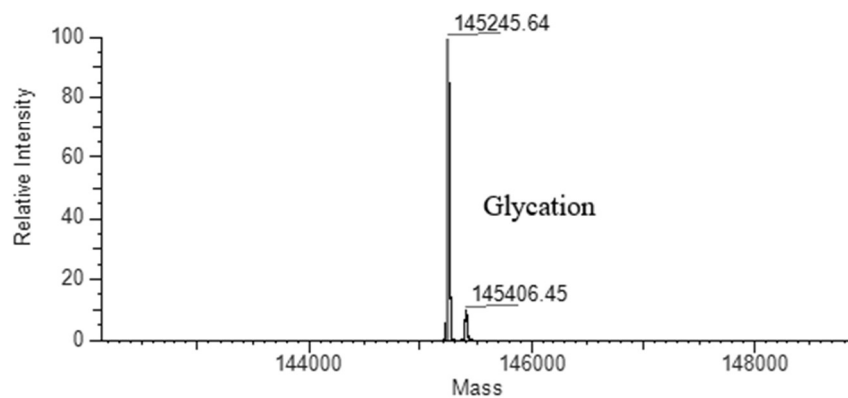


Fig. 22

A**B****C****Fig. 23**

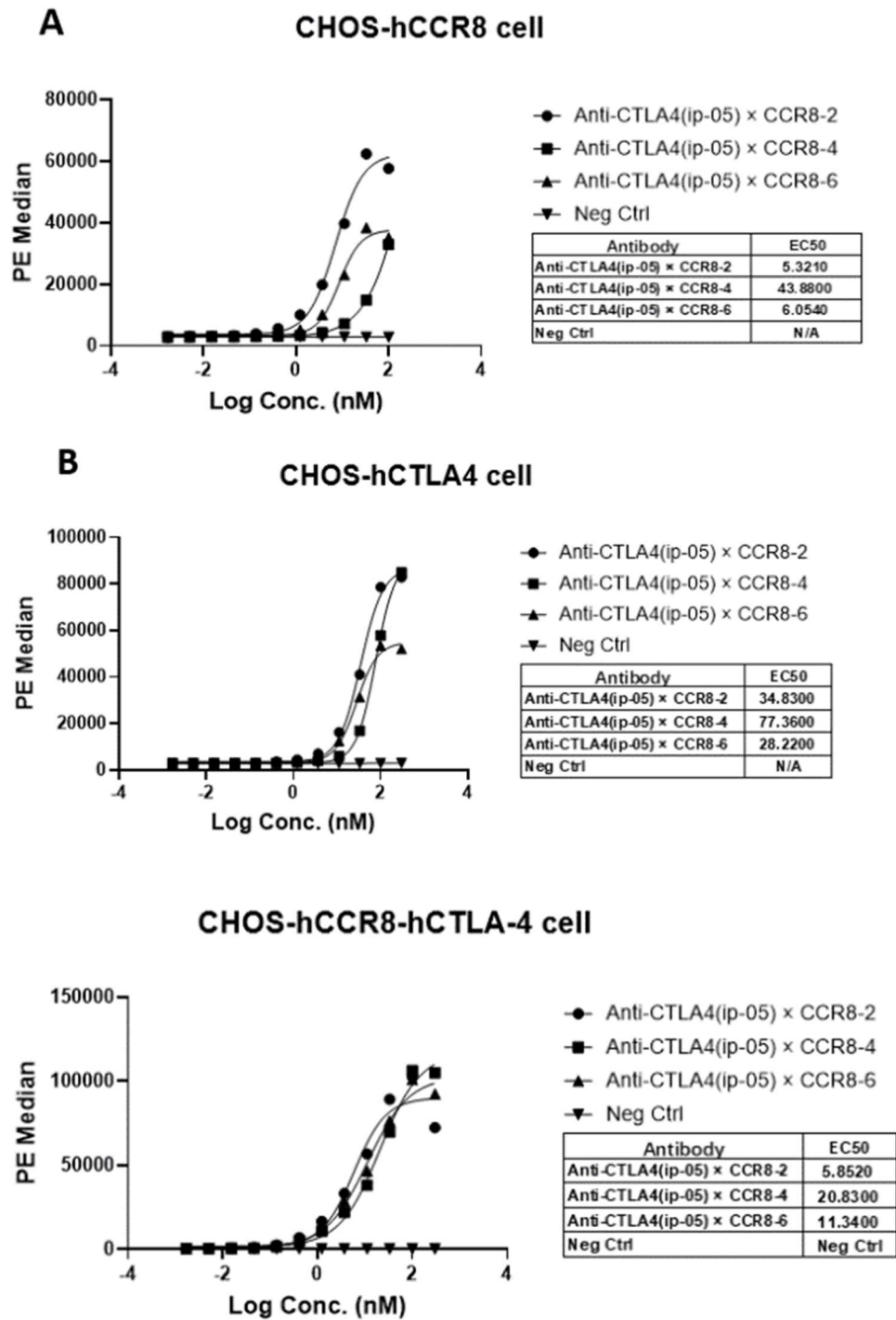
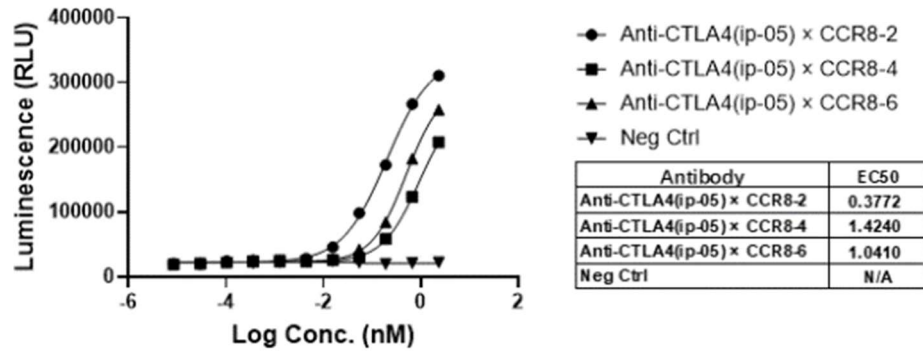
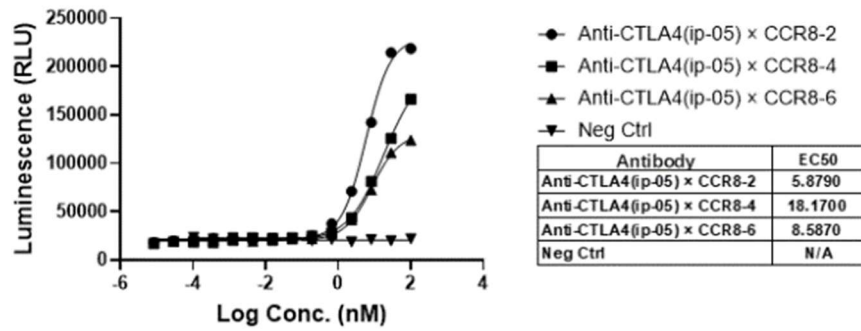


Fig. 24

A CHOS-hCCR8 cell



B CHOS-hCTLA4 cell



C CHOS-hCCR8-hCTLA-4 cell

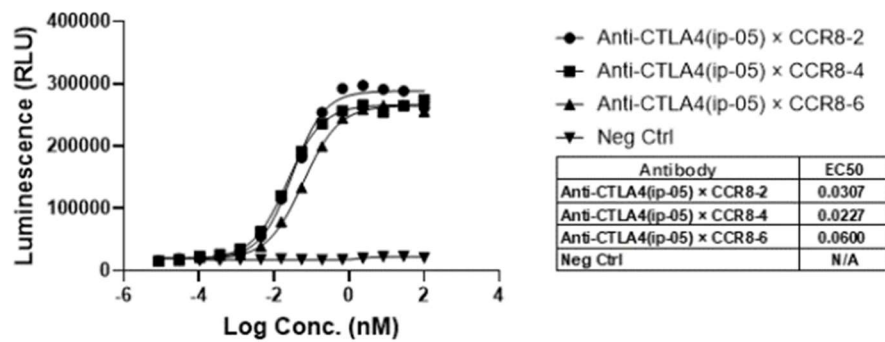


Fig. 25

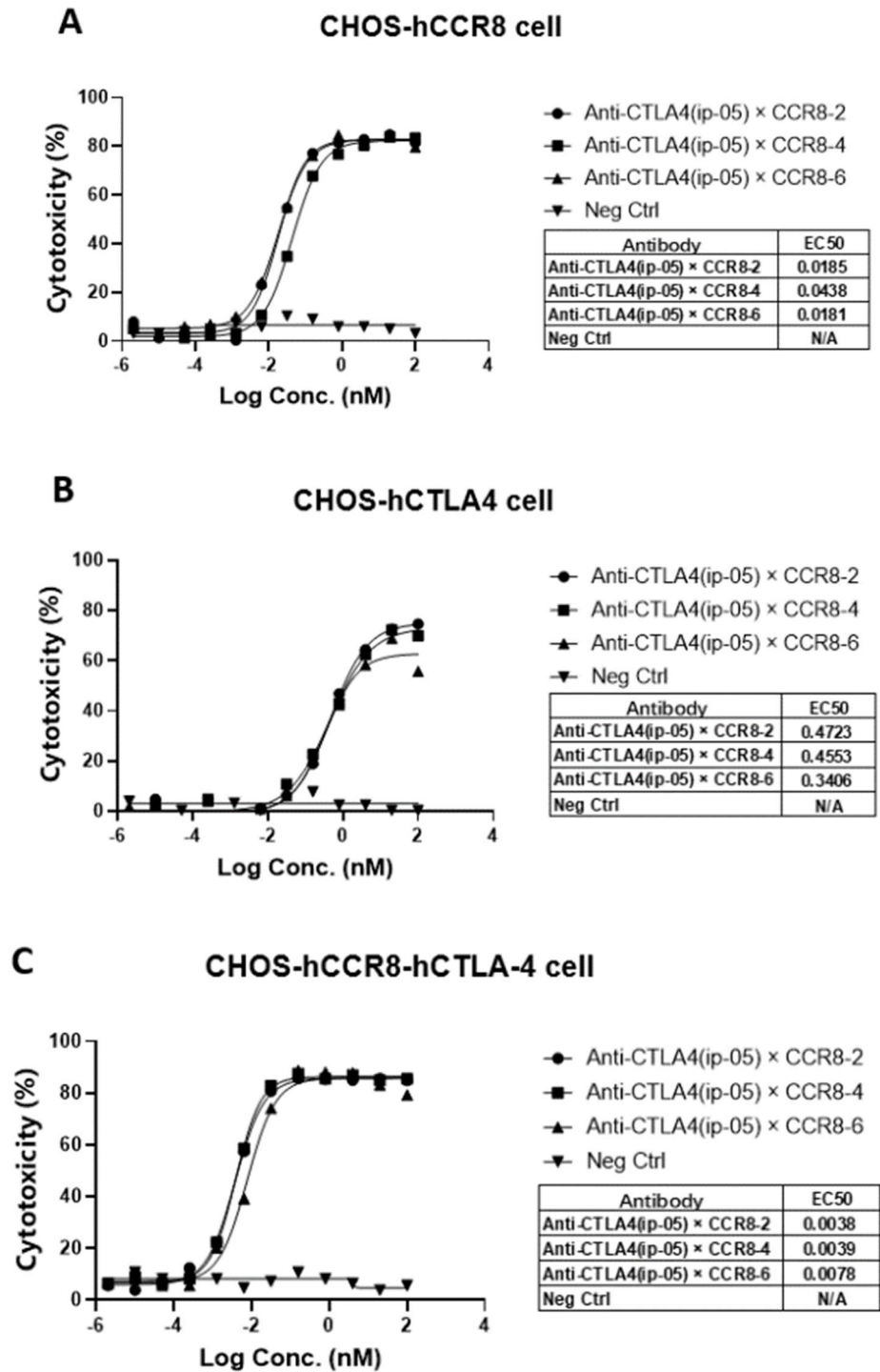


Fig. 26