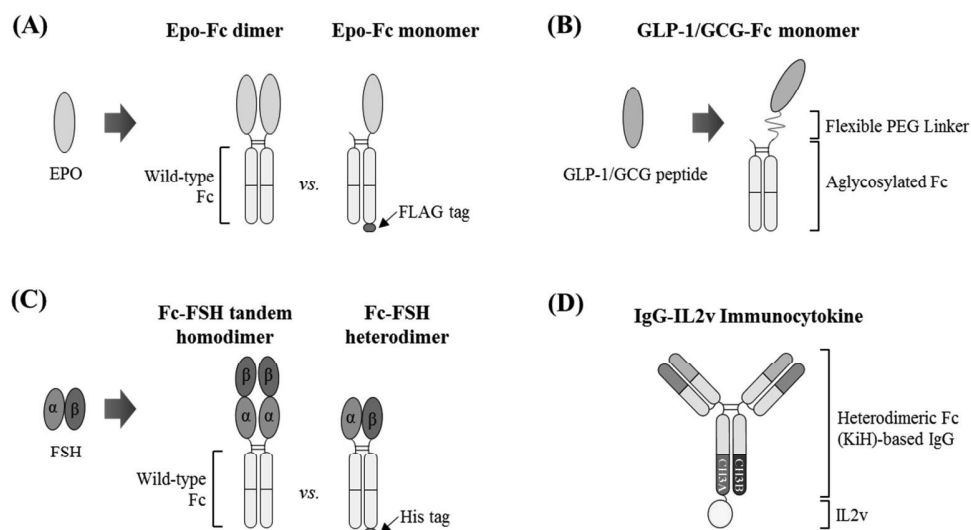


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DRAWINGS

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Fig. 1



5 Fig. 2

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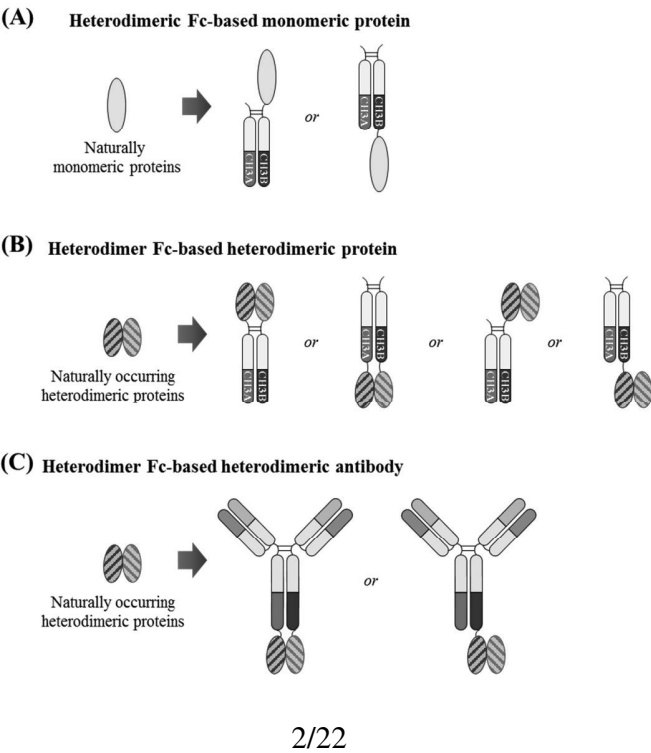


Fig. 3

	350	360	370	380	390	400	410	420
IgG1	GQPREPQVYT	LPPSRDELTK	NQVSLTCLVK	GFYPSDIAVE	WESNGQPENN	YKTPPVLDS	DGSFFLYSKL	TVDKSRWQQG
IgG2	GQPREPQVYT	LPPSREEMTK	NQVSLTCLVK	GFYPSDIAVE	WESNGQPENN	YKTPPMLDS	DGSFFLYSKL	TVDKSRWQQG
IgG3	GQPREPQVYT	LPPSREEMTK	NQVSLTCLVK	GFYPSDIAVE	WESSGQPENN	YKTPPVLDS	DGSFFLYSKL	TVDKSRWQQG
IgG4	GQPREPQVYT	LPPSQEEMTK	NQVSLTCLVK	GFYPSDIAVE	WESNGQPENN	YKTPPVLDS	DGSFFLYSRL	TVDKSRWQEG
	*****	**** *	*****	***** *	*****	*****	***** *	***** *
		♦	▲				♦	▲

	430	440	447
IgG1	NVFSCVMHE	ALHNHYTQKS	LSLSPGK
IgG2	NVFSCVMHE	ALHNHYTQKS	LSLSPGK
IgG3	NVFSCVMHE	ALHNHYTQKS	LSLSPGK
IgG4	NVFSCVMHE	ALHNHYTQKS	LSLSLGK
	* *****	*****	***** *

➡ β-strands drive the homodimerization of immunoglobulin Fc

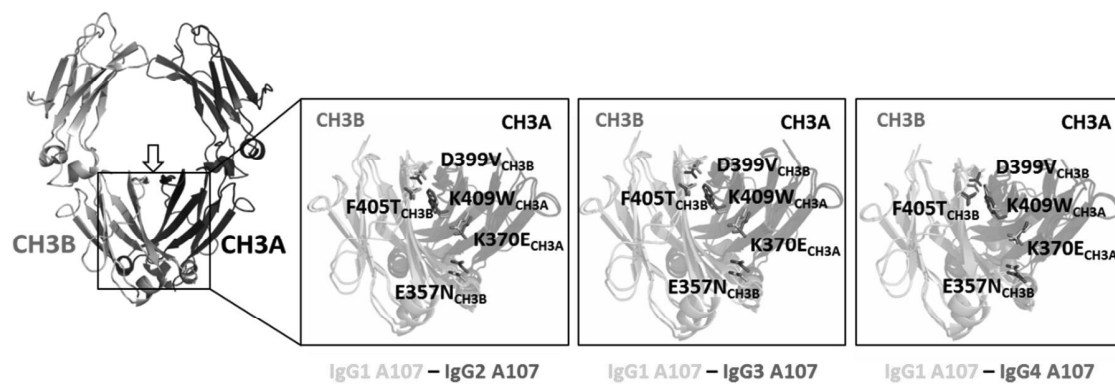
▲ A107A (K370E_{CH3A}/K409W_{CH3A}) mutation site

♦ A107B (E357N_{CH3B}/D399V_{CH3B}/F405T_{CH3B}) mutation site

5

Fig. 4

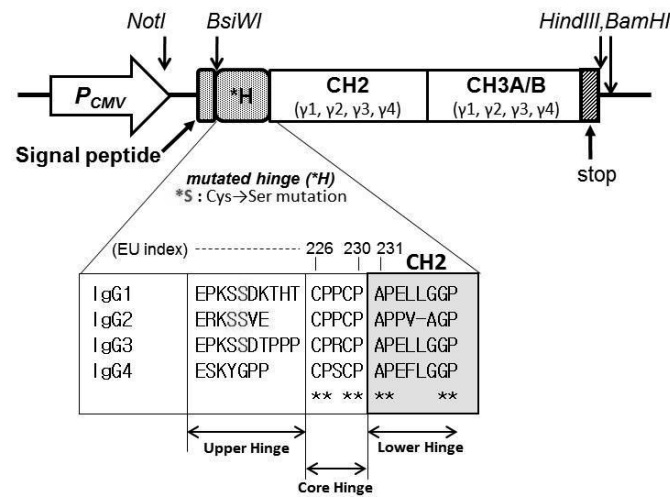
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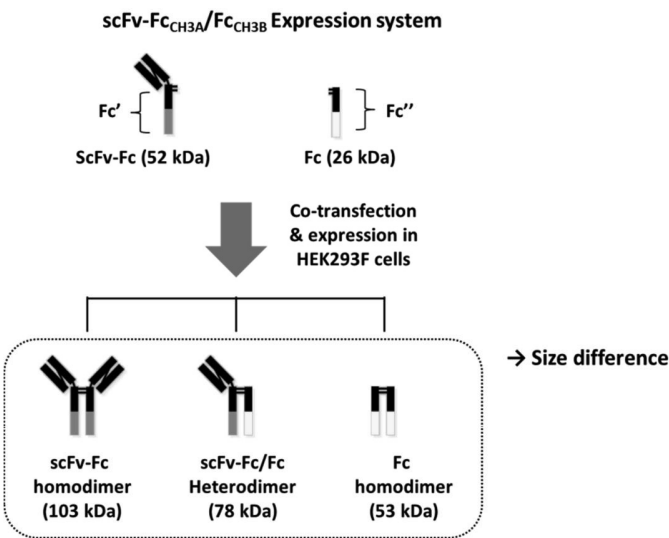
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Fig. 5



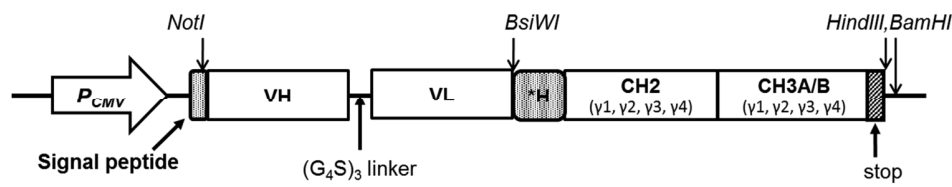
5 Fig. 6



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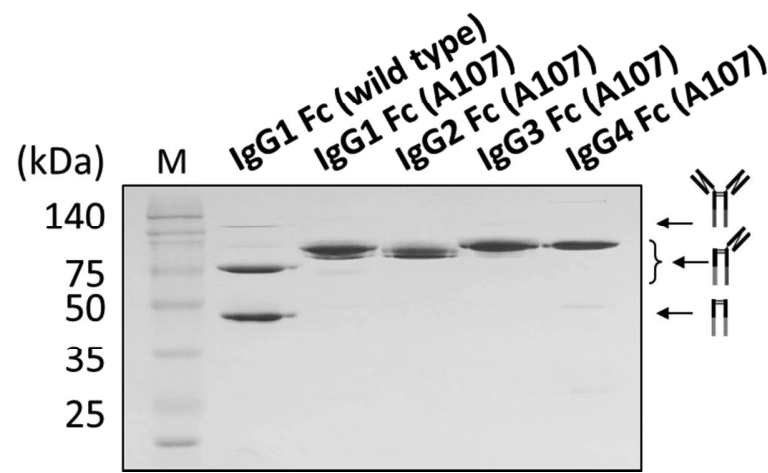
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Fig. 7



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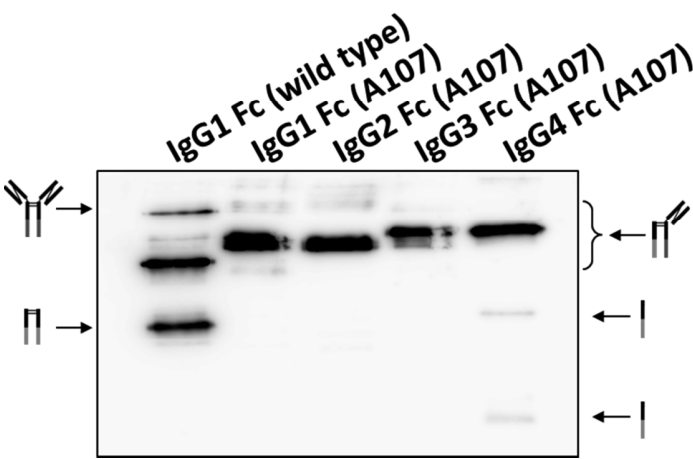
Fig. 8



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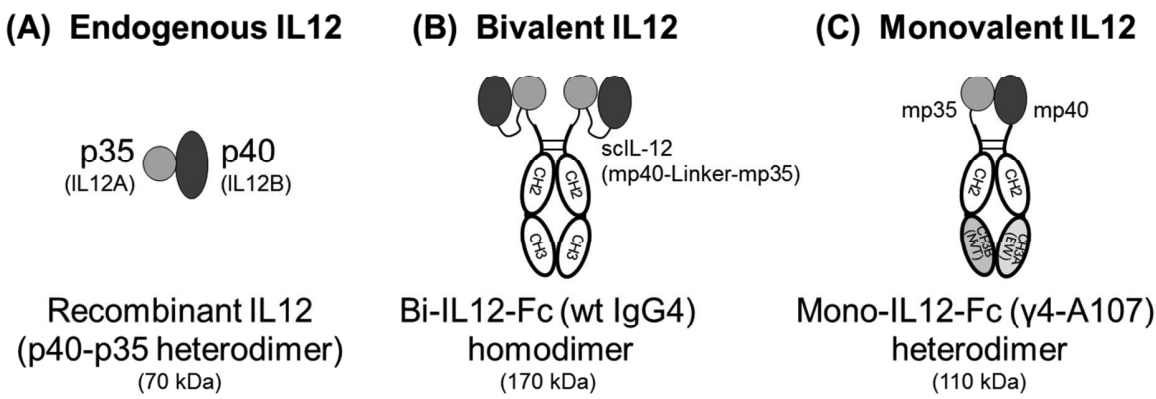
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Fig. 9



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Fig. 10



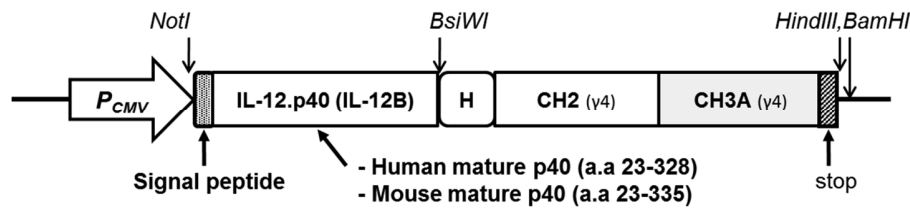
English translation
PCT/KR2017/008676

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Fig. 11(A)



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Fig. 11(B)

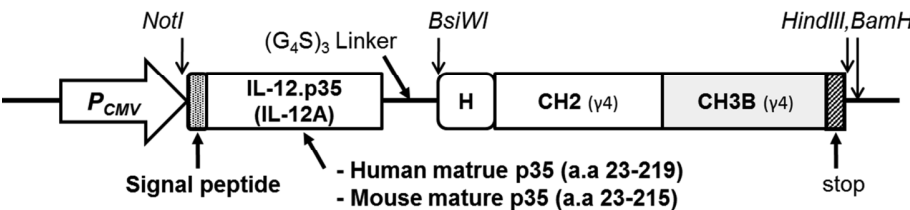
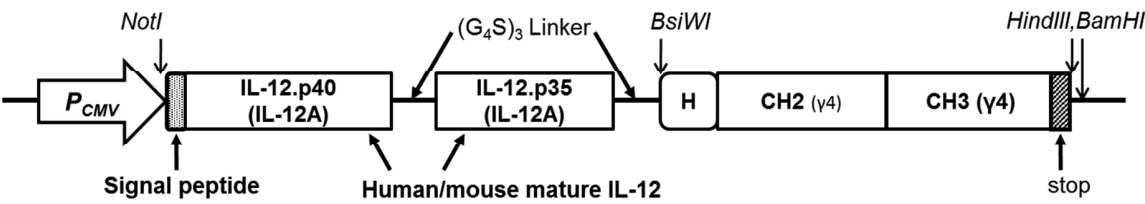


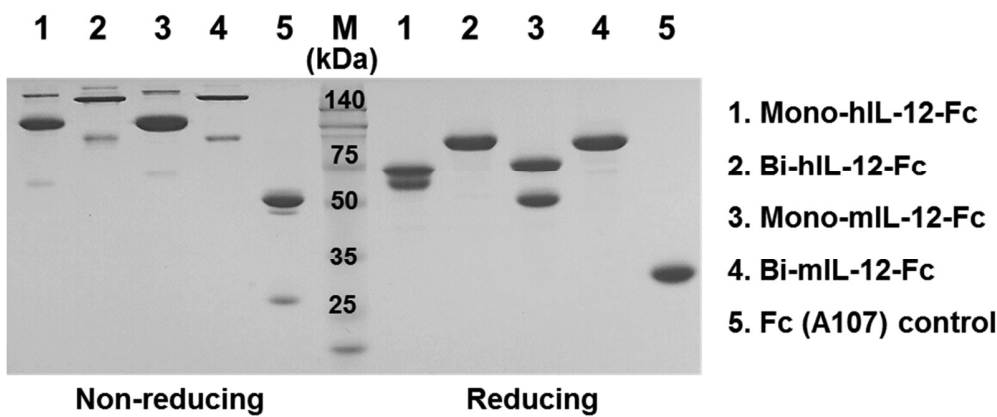
Fig. 12



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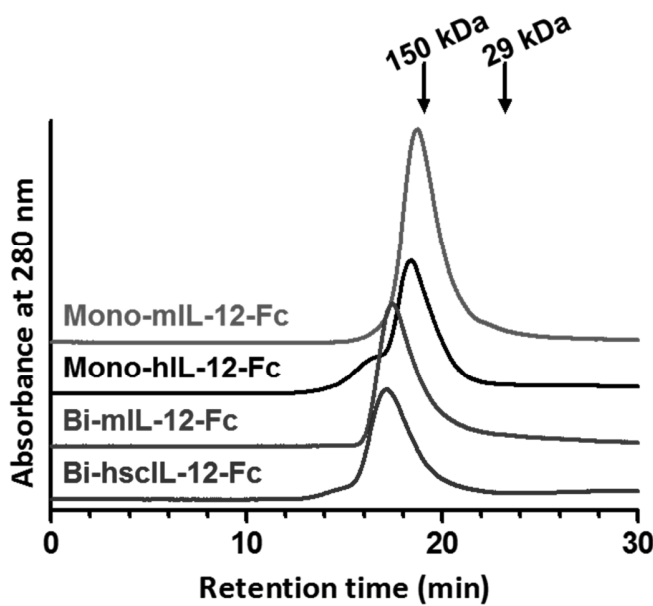
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Fig. 13



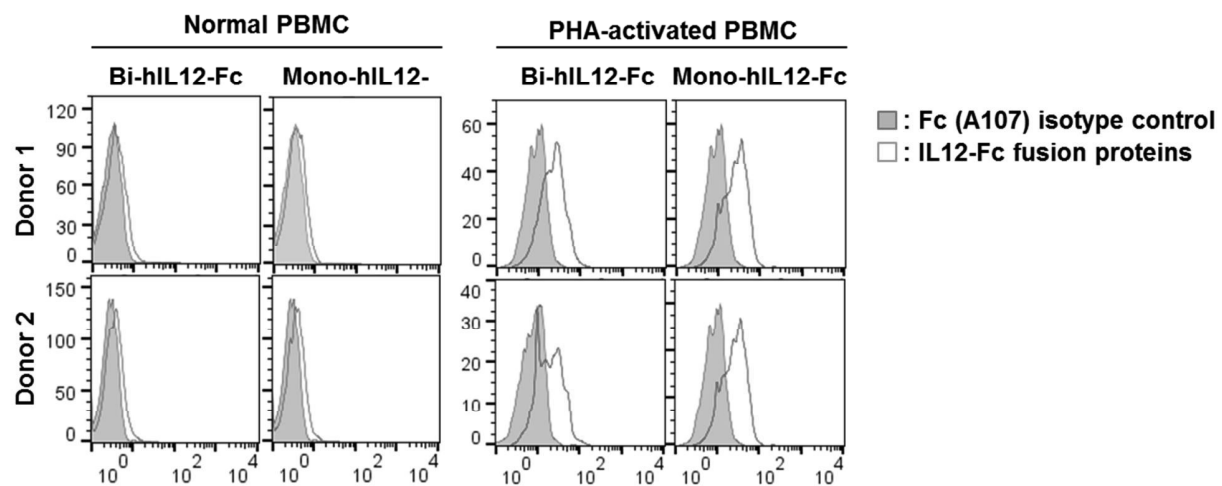
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Fig. 14



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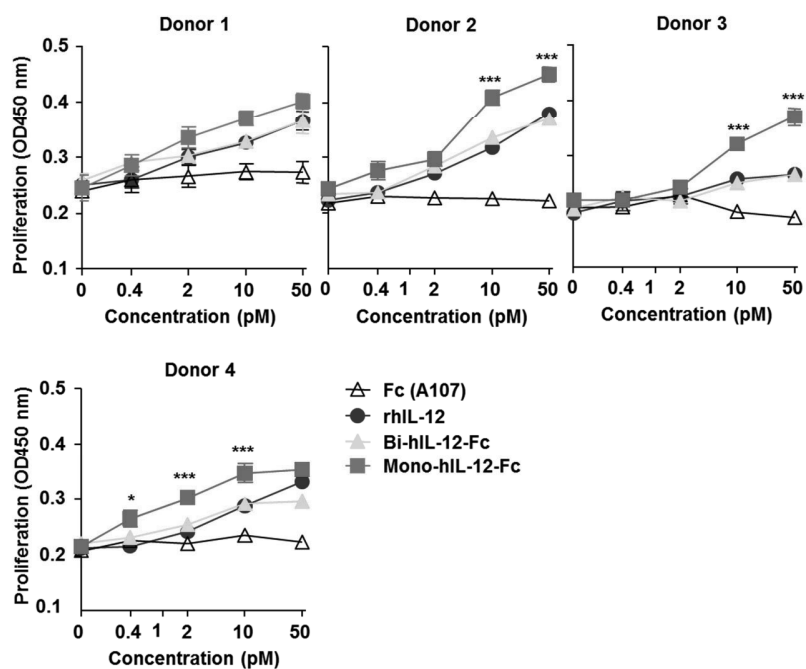
Fig. 15



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Fig. 16

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Fig. 17

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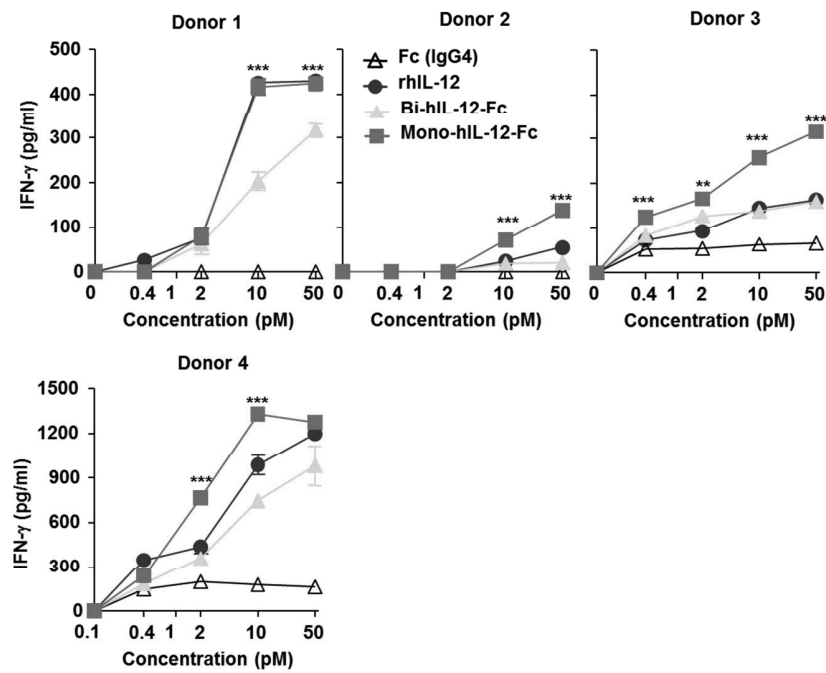
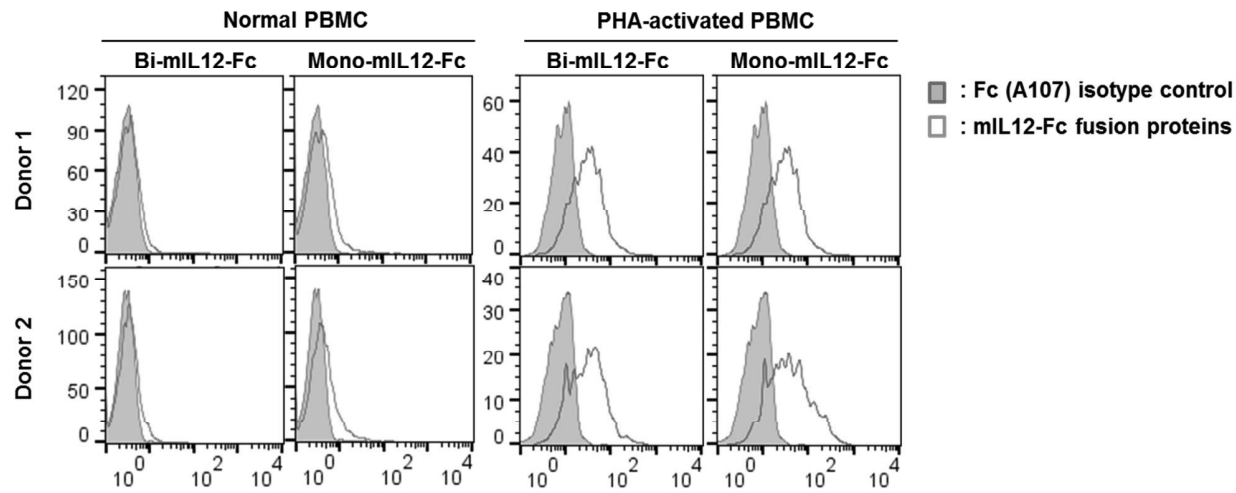


Fig. 18



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Fig. 19

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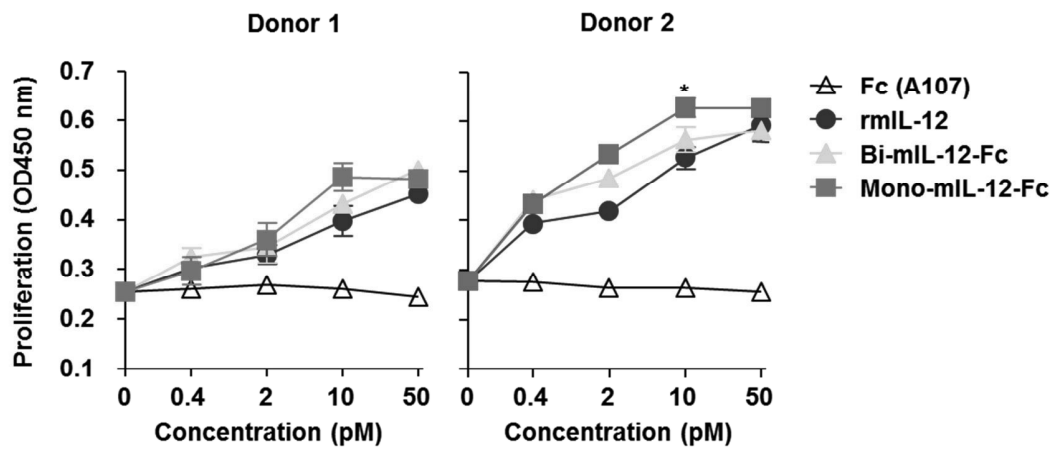
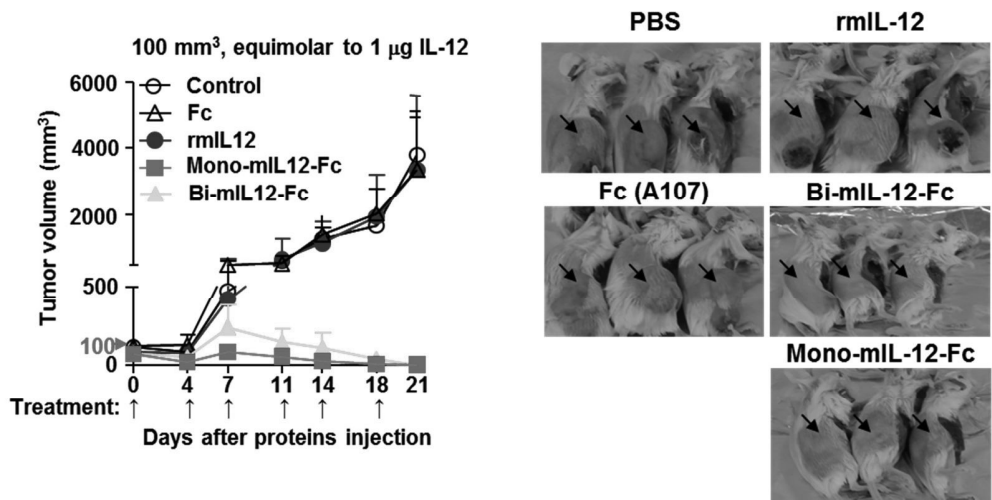


Fig. 20(A)



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Fig. 20(B)

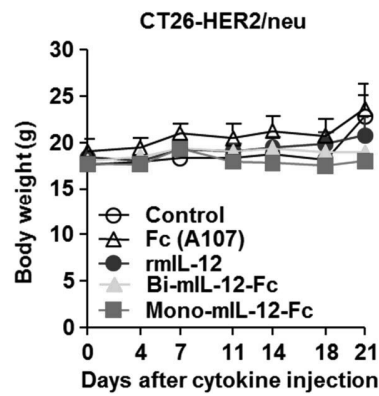
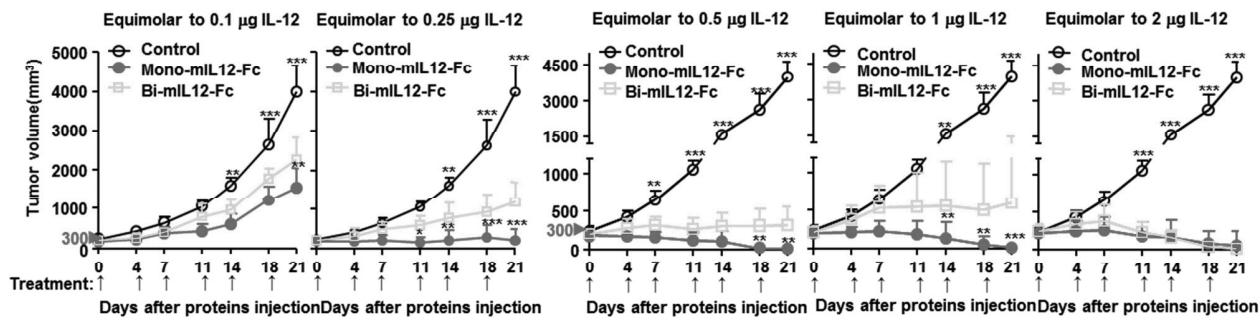


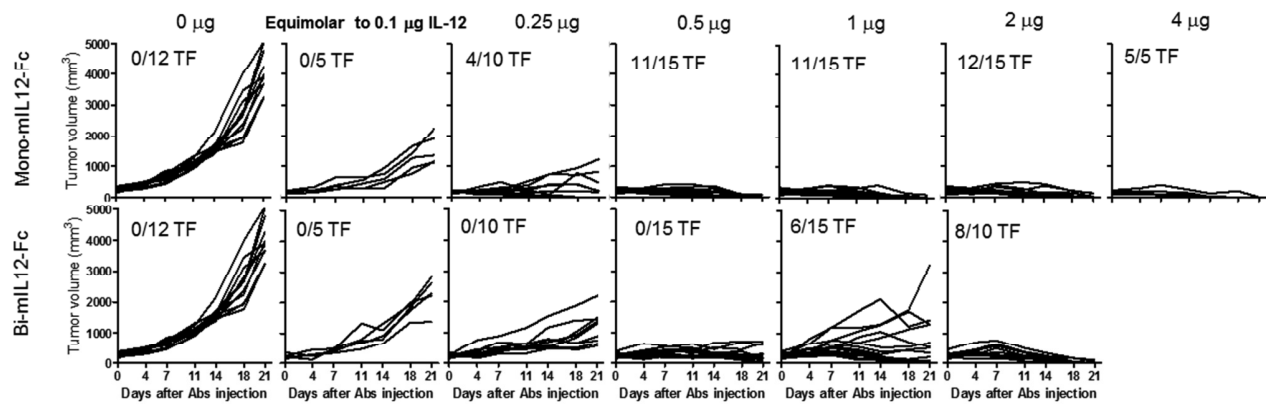
Fig. 21(A)



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Fig. 21(B)

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Fig. 21(C)

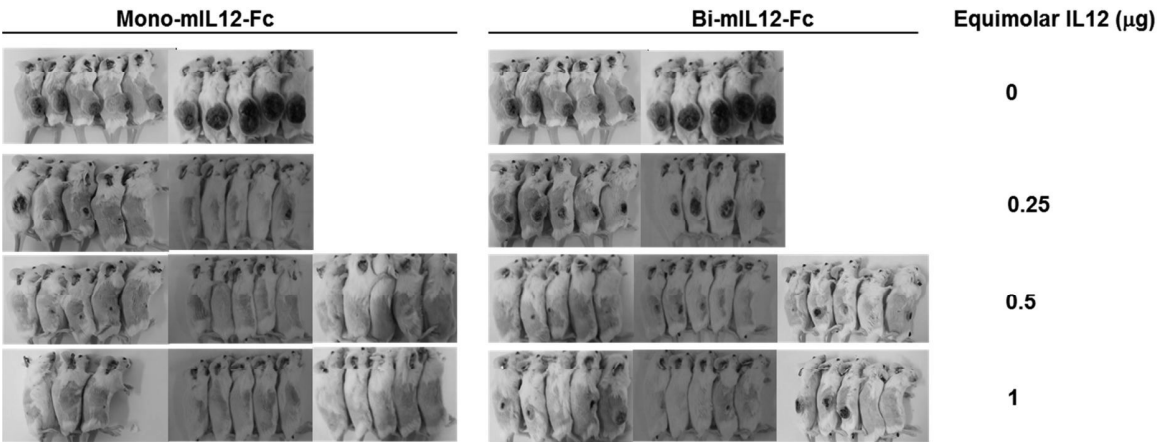
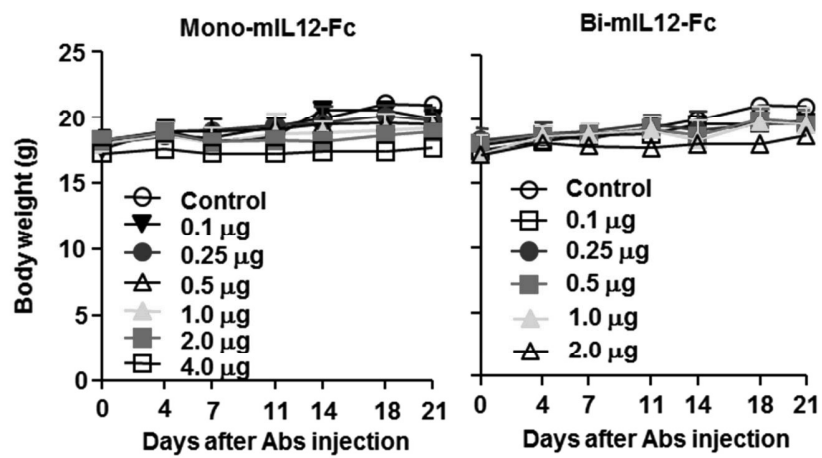


Fig. 21(D)

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Fig. 21(E)

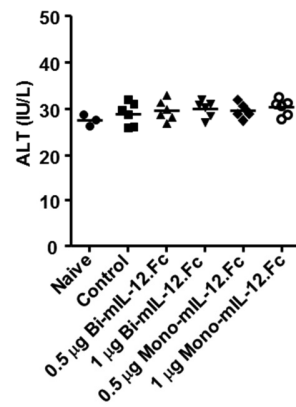
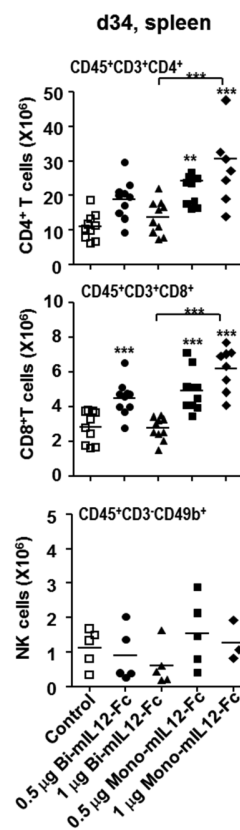


Fig. 22(A)

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Fig. 22(B)

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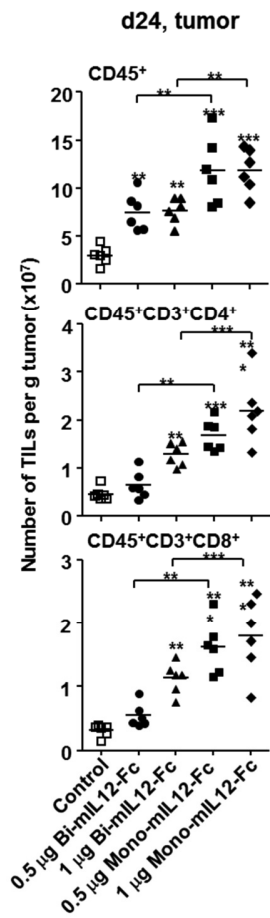
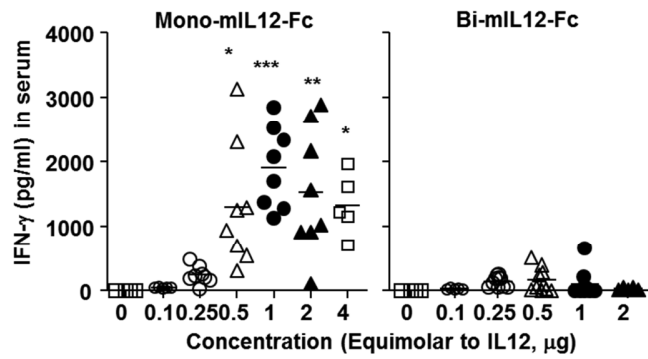


Fig. 23(A)



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Fig. 23(B)

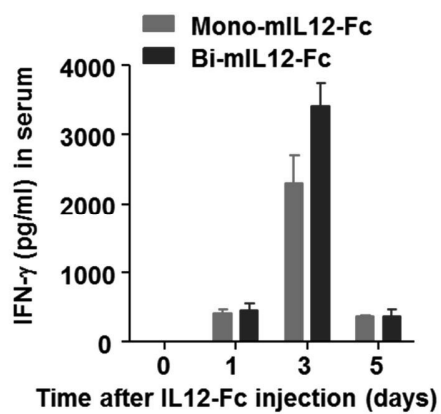
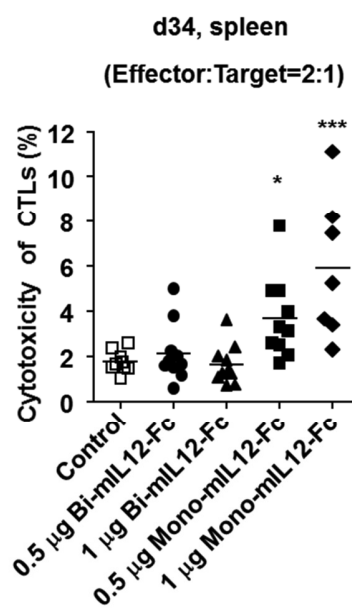


Fig. 23(C)



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Fig. 23(D)

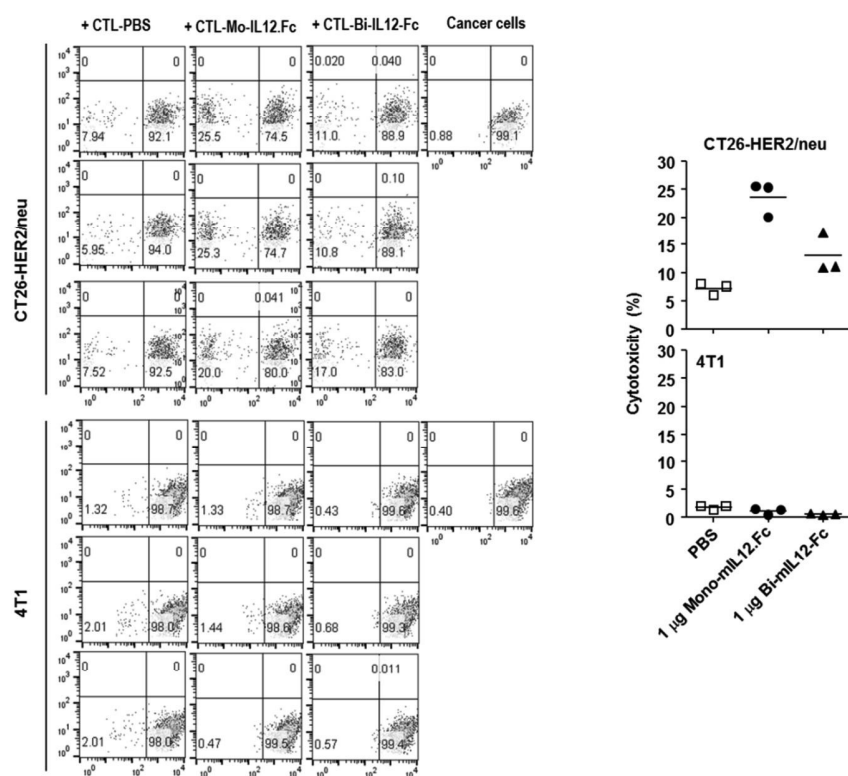
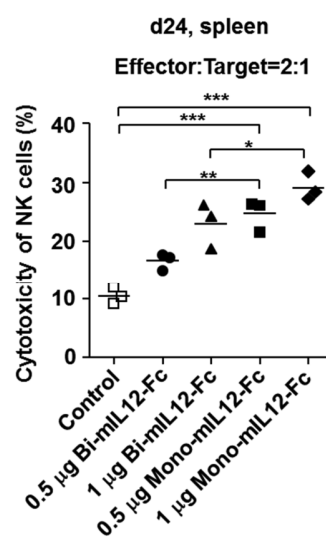


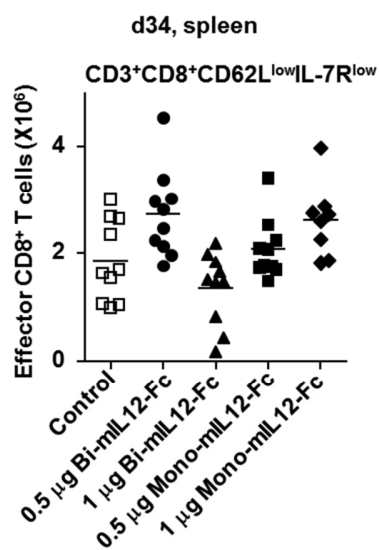
Fig. 23(E)

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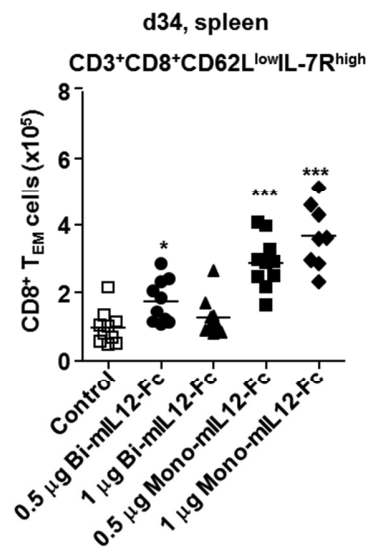
Fig. 24(A)



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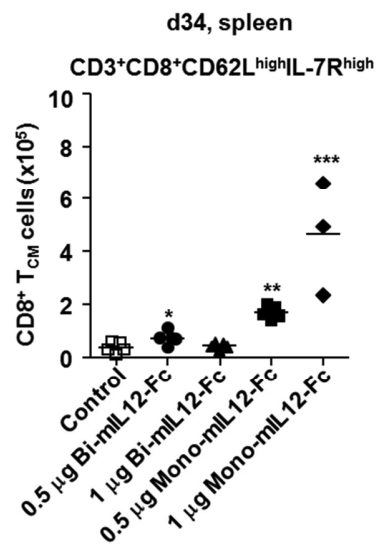
Fig. 24(B)

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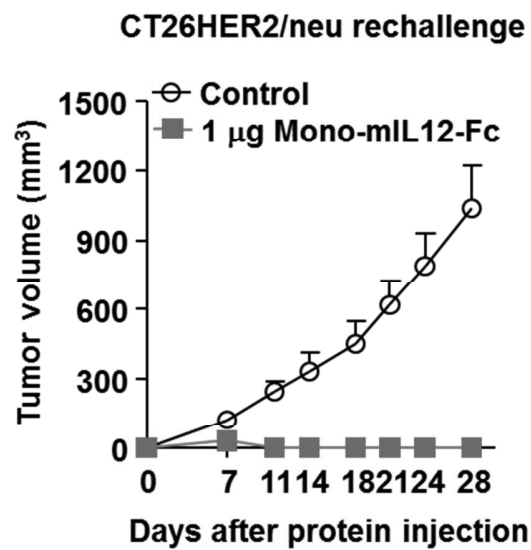


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Fig. 24(C)

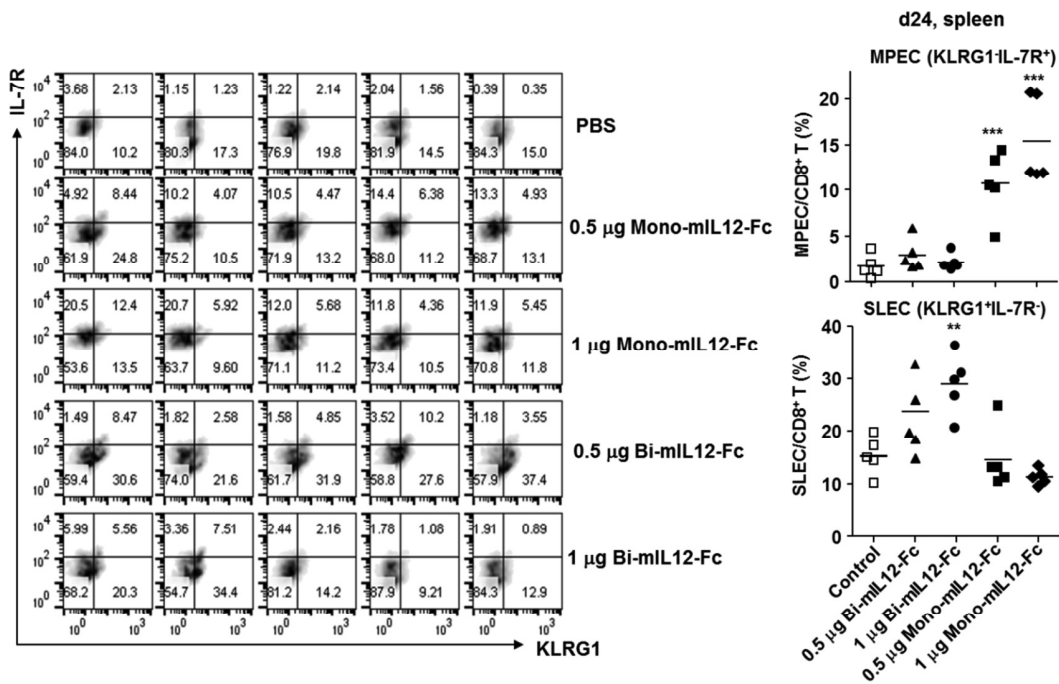


5 Fig. 24(D)



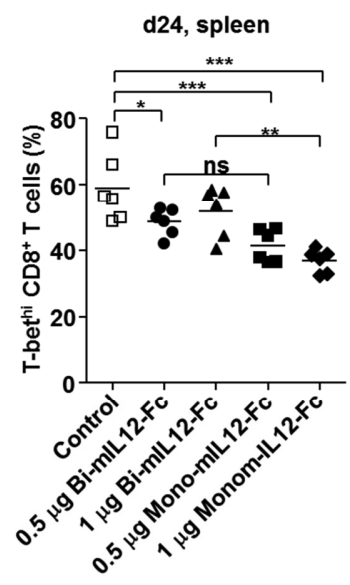
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Fig. 24(E)



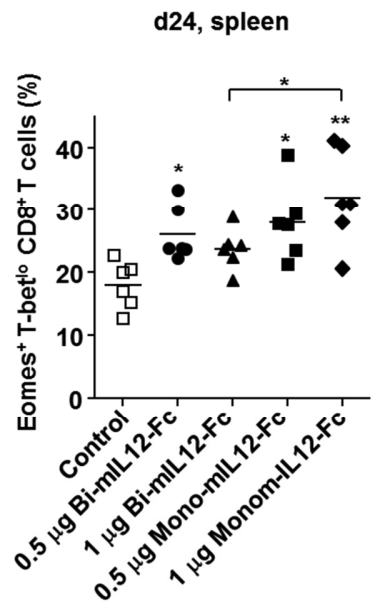
5 Fig. 25(A)

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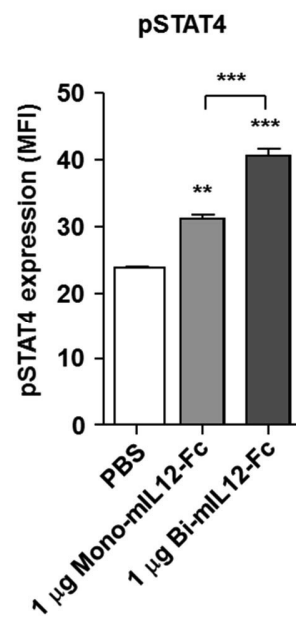
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Fig. 25(B)



5 Fig. 25(C)

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5 Fig. 25(D)

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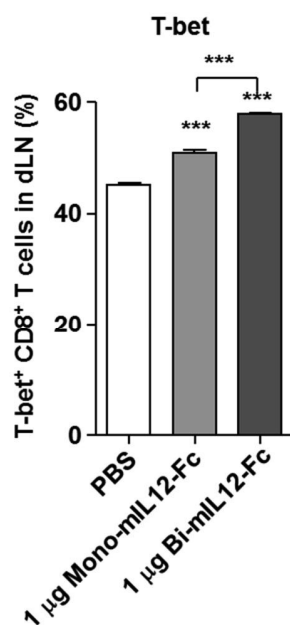
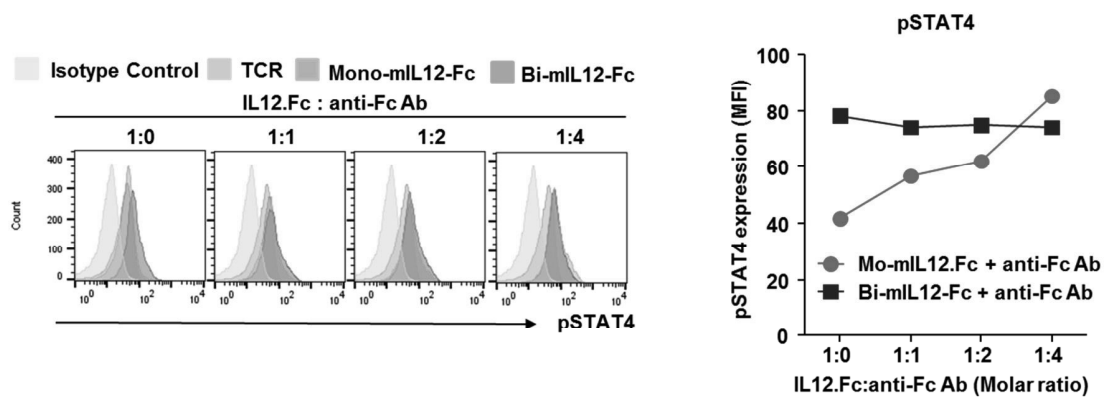


Fig. 25(E)



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Fig. 25(F)

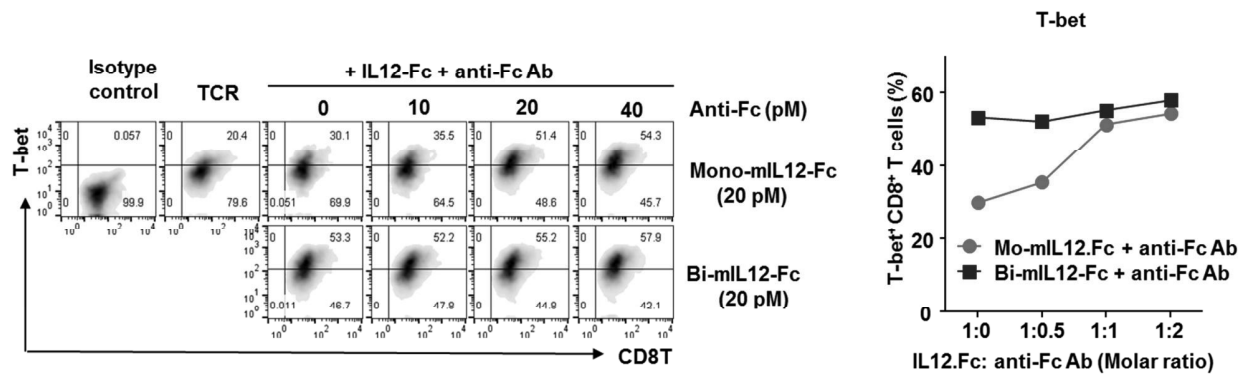


Fig. 26

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