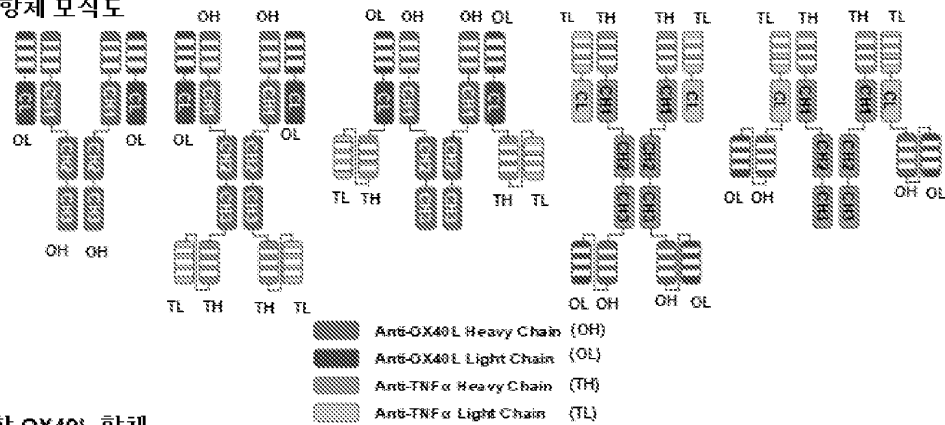


【도 1】

A. 항체 모식도



B. 항 OX40L 항체

Anti-OX40L Ab Heavy chain	Anti-OX40L Ab Heavy chain(VH-CH1-CH2-CH3)
Anti-OX40L Ab Light chain	Anti-OX40L Ab Light chain(VL-CL)

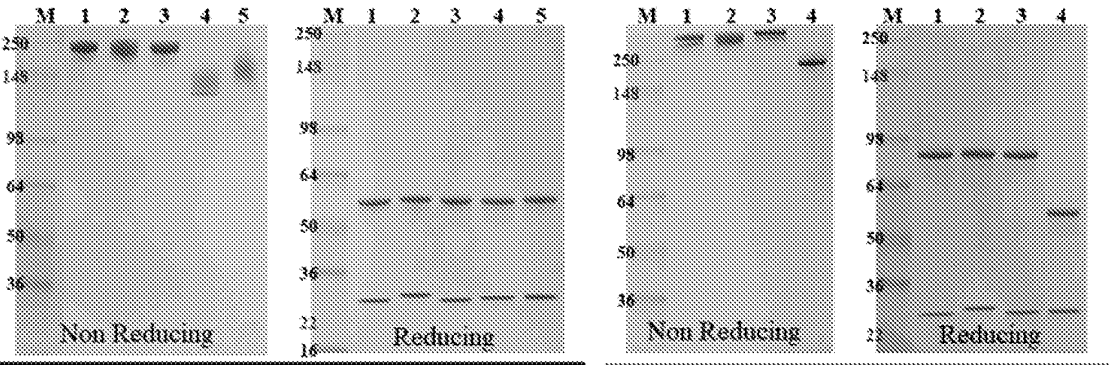
C. 항 OX40L 항체-TNF α HC 또는 LC 이종 특이성 항체 (BsAb)

Anti-OX40L Ab-TNF α HC BsAb Heavy chain	Anti-OX40L Ab Heavy chain (VH-CH1-CH2-CH3)	Linker-1	TNF α Ab VH	Linker-2	TNF α Ab VL
Anti-OX40L Ab-TNF α HC BsAb Light chain	Anti-OX40L Ab Light chain(VL-CL)				
Anti-OX40L Ab-TNF α LC BsAb Heavy chain	Anti-OX40L Ab Heavy chain (VH-CH1-CH2-CH3)				
Anti-OX40L Ab-TNF α LC BsAb Light chain	Anti-OX40L Ab Light chain(VL-CL)	Linker-1	TNF α Ab VH	Linker-2	TNF α Ab VL

D. TNF α i-항 OX40L 항체 HC 또는 LC 이종 특이성 항체 (BsAb)

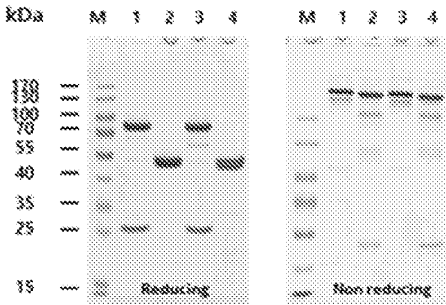
TNF α -Anti-OX40L Ab HC BsAb Heavy chain	TNF α Heavy chain(VH-CH1-CH2-CH3)	Linker-1	Anti-OX40L Ab VH	Linker-2	Anti-OX40L Ab VL
TNF α -Anti-OX40L Ab HC BsAb Light chain	TNF α Light chain(VL-CL)				
TNF α -Anti-OX40L Ab LC BsAb Heavy chain	TNF α Heavy chain(VH-CH1-CH2-CH3)				
TNF α -Anti-OX40L Ab LC BsAb Light chain	TNF α Light chain(VL-CL)	Linker-1	Anti-OX40L Ab VH	Linker-2	Anti-OX40L Ab VL

【도 2】

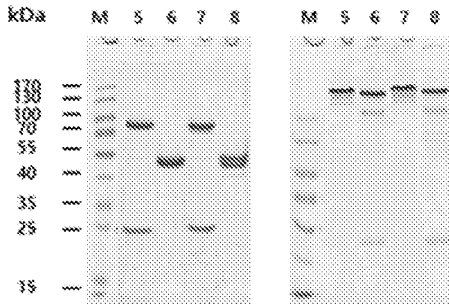


No.	Sample
1	Ref Ab
2	Hu3F07
3	02C09
4	21G07
5	10H07

No.	Sample
1	Ref-TNFα
2	Hu3F07-TNFα HC
3	02C09-TNFα HC
4	TNFα

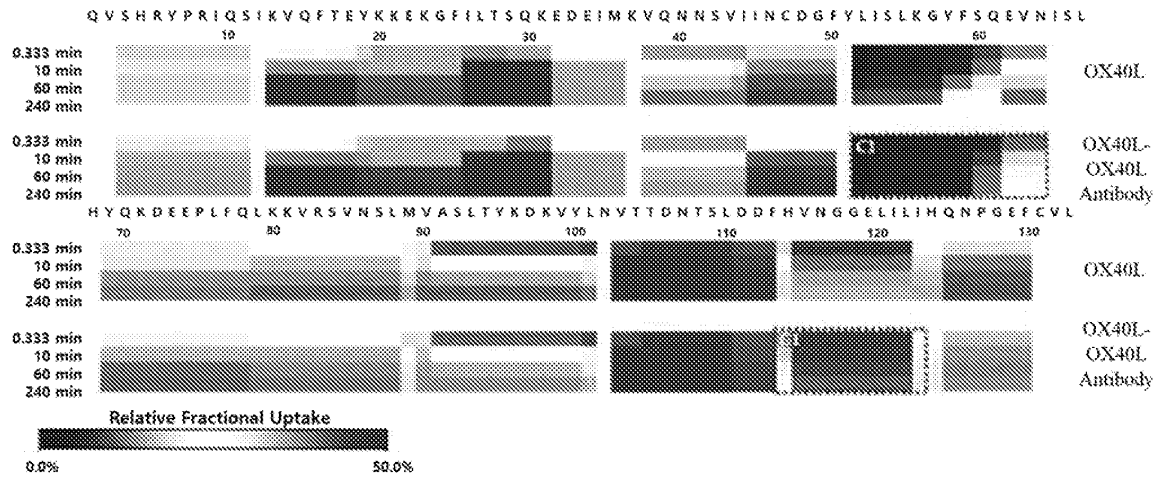


No.	Sample
1	TNFα-02C09 HC
2	TNFα-02C09 LC
3	TNFα-I3F07 HC
4	TNFα-I3F07 LC



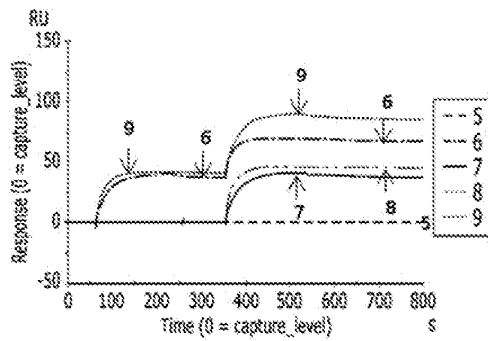
No.	Sample
5	02C09-TNFα HC
6	02C09-TNFα LC
7	I3F07-TNFα HC
8	I3F07-TNFα LC

【도 3】

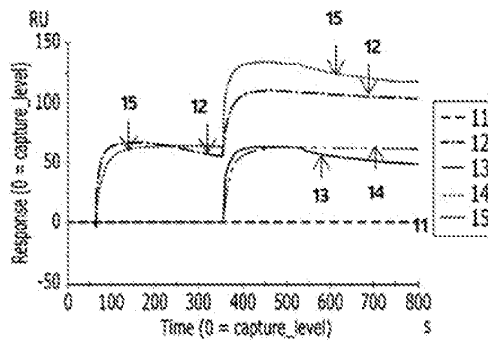


	OX40L epitope amino acid sequence
Anti-OX40L Ab	43-50(VIINCDGF, 93-100)
	91-101 (ASLTYKDKVYL, 141-151)

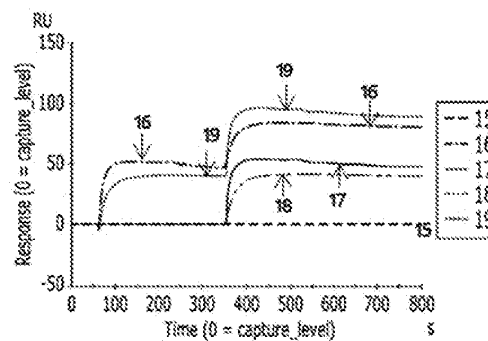
【도 4】



BsAb	cycle	injection1		injection2	
		sample	conc (nM)	sample	conc (nM)
I	5	Ag1	0	Ag2	0
	6	Ag1	100	Ag2	100
	7	Ag1	0	Ag1	100
	8	Ag2	0	Ag2	100
	9	Ag2	100	Ag1	100

O4L-TNF α i HC

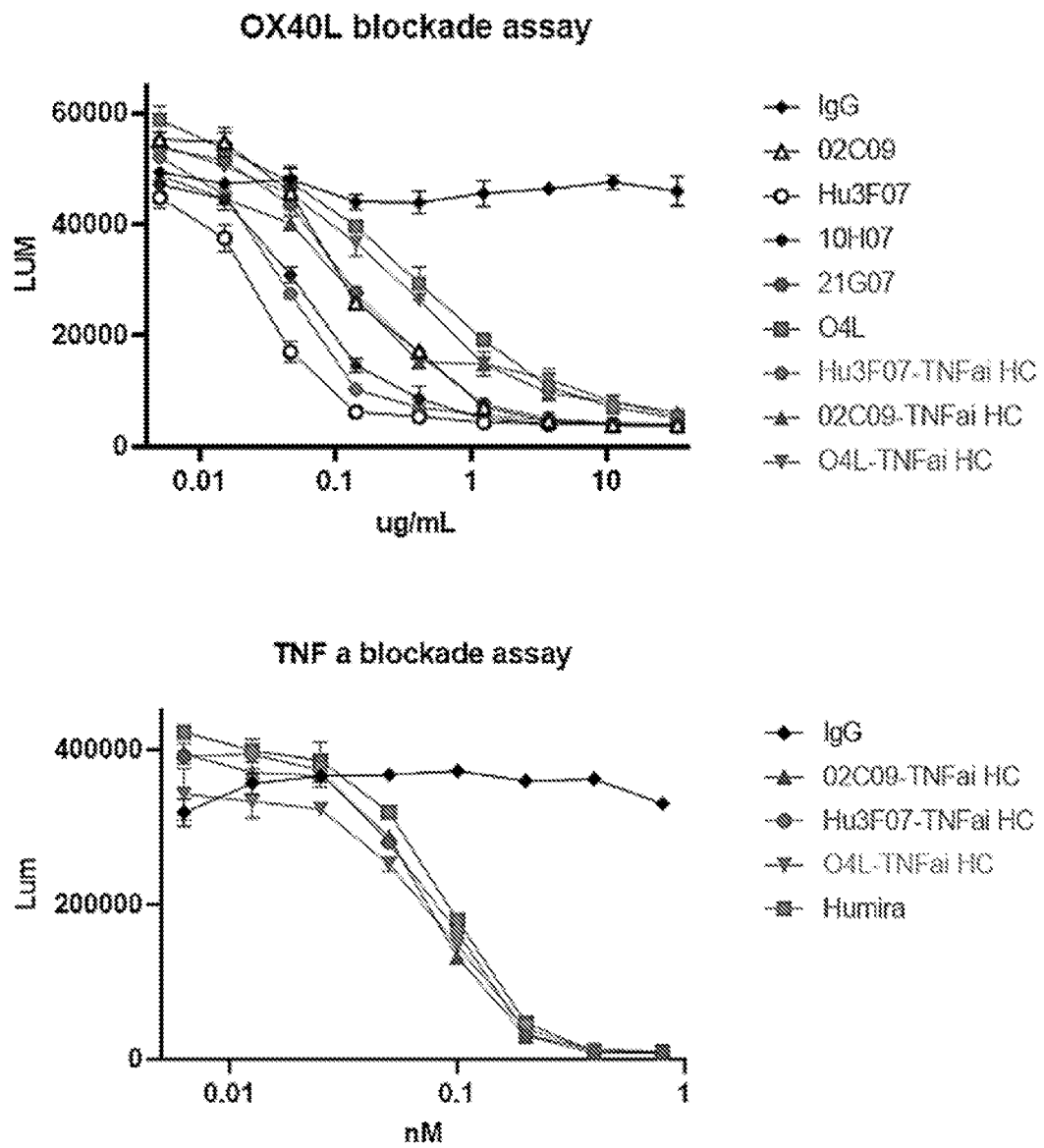
BsAb	cycle	injection1		injection2	
		sample	conc (nM)	sample	conc (nM)
J	11	Ag1	0	Ag2	0
	12	Ag1	100	Ag2	100
	13	Ag1	0	Ag1	100
	14	Ag2	0	Ag2	100
	15	Ag2	100	Ag1	100

02C09-TNF α i HC

BsAb	cycle	injection1		injection2	
		sample	conc (nM)	sample	conc (nM)
K	15	Ag1	0	Ag2	0
	16	Ag1	100	Ag2	100
	17	Ag1	0	Ag1	100
	18	Ag2	0	Ag2	100
	19	Ag2	100	Ag1	100

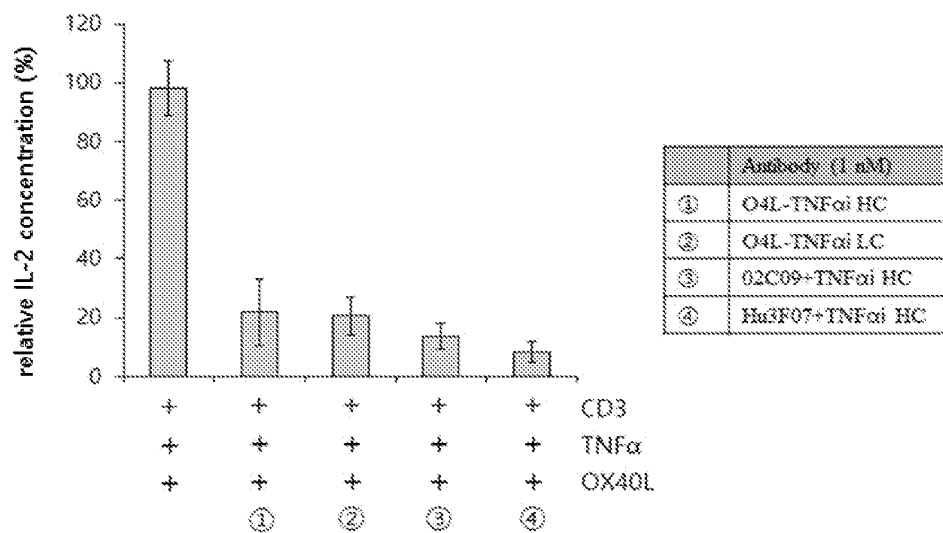
Hu3F07-TNF α i HC

【도 5】



【도 6】

A. 정상인 PBMC 유래 T cell assay 결과



B. RA 환자 PBMC 유래 T cell assay 결과

