

Anti-TNFRSF1A / TNFAR / CD120a Reference Antibody (atrosimab)

Catalog # APR11514

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P19438
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	50495

Additional Information

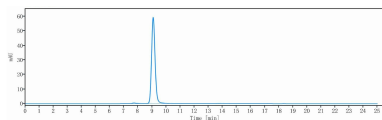
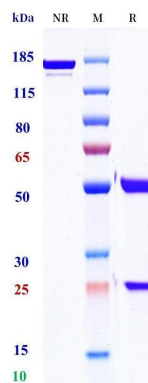
Target/Specificity	TNFRSF1A / TNFAR / CD120a
Expression system	CHO

Protein Information

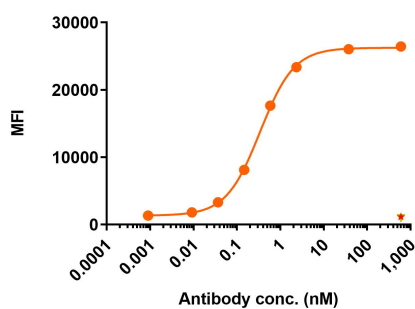
Name	TNFRSF1A
Synonyms	TNFAR, TNFR1
Function	Receptor for TNFSF2/TNF and homotrimeric TNFSF1/lymphotoxin- alpha. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. Contributes to the induction of non-cytocidal TNF effects including anti-viral state and activation of the acid sphingomyelinase.
Cellular Location	Cell membrane; Single-pass type I membrane protein Golgi apparatus membrane; Single-pass type I membrane protein. Secreted. Note=A secreted form is produced through proteolytic processing

Images

Anti-TNFRSF1A / TNFAR / CD120a Reference Antibody
(atrosimab) on SDS-PAGE under reducing (R) condition.
The purity of the protein is greater than 95%.



The purity of Anti-TNFRSF1A / TNFAR / CD120a Reference Antibody (atrosimab) is 98.59%, determined by SEC-HPLC.



HuTNFR1-HEK293 cell line were stained with atosimab and negative control protein respectively, washed and then followed by PE and analyzed with FACS, with the EC50 is 0.342 nM.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.