10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-TNFSF6 / FASL / CD178 Reference Antibody (Medimmune anti-FasL)

Catalog # APR11451

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P48023
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	31485

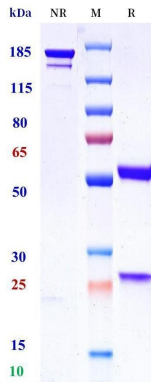
Additional Information

Target/Specificity	TNFSF6 / FASL / CD178
Expression system	CHO

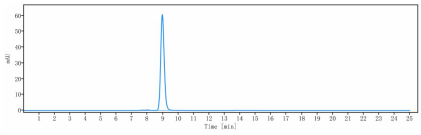
Protein Information

Name	FASLG
Synonyms	APT1LG1, CD95L, FASL, TNFSF6
Function	Cytokine that binds to TNFRSF6/FAS, a receptor that transduces the apoptotic signal into cells (PubMed:26334989, PubMed:9228058). Involved in cytotoxic T-cell-mediated apoptosis, natural killer cell-mediated apoptosis and in T-cell development (PubMed:7528780, PubMed:9228058, PubMed:9427603). Initiates fratricidal/suicidal activation-induced cell death (AICD) in antigen- activated T-cells contributing to the termination of immune responses (By similarity). TNFRSF6/FAS-mediated apoptosis also has a role in the induction of peripheral tolerance (By similarity). Binds to TNFRSF6B/DcR3, a decoy receptor that blocks apoptosis (PubMed:27806260).
Cellular Location	Cell membrane; Single-pass type II membrane protein. Cytoplasmic vesicle lumen Lysosome lumen. Note=Is internalized into multivesicular bodies of secretory lysosomes after phosphorylation by FGR and monoubiquitination (PubMed:17164290). Colocalizes with the SPPL2A protease at the cell membrane (PubMed:17557115) [FasL intracellular domain]: Nucleus. Note=The FasL ICD cytoplasmic form is translocated into the nucleus.

Images



Anti-TNFSF6/FASL/CD178 Reference Antibody (Medimmune anti-FasL) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-TNFSF6/FASL/CD178 Reference Antibody (Medimmune anti-FasL) is 98.7%, determined by SEC-HPLC.

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