

CD178 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51204**Specification**

CD178 Antibody - Product Information

Application	WB, E
Primary Accession	P48023
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40 KDa

CD178 Antibody - Additional Information**Gene ID** 356**Other Names**

Tumor necrosis factor ligand superfamily member 6, Apoptosis antigen ligand, APTL, CD95 ligand, CD95-L, Fas antigen ligand, Fas ligand, FasL, CD178, Tumor necrosis factor ligand superfamily member 6, membrane form, Tumor necrosis factor ligand superfamily member 6, soluble form, Receptor-binding FasL ectodomain, Soluble Fas ligand, sFasL, ADAM10-processed FasL form, APL, FasL intracellular domain, FasL ICD, SPPL2A-processed FasL form, SPA, FASLG, APT1LG1, CD95L, FASL, TNFSF6

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

CD178 Antibody - 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](http://www.uniprot.org/citations/26334989), PubMed: [9228058](http://www.uniprot.org/citations/9228058)). Involved in cytotoxic T-cell-mediated apoptosis, natural killer cell-mediated apoptosis and in T-cell development (PubMed: [7528780](http://www.uniprot.org/citations/7528780), PubMed: [9228058](http://www.uniprot.org/citations/9228058), PubMed: [9427603](http://www.uniprot.org/citations/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 has also 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.

CD178 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CD178 Antibody - Images

CD178 Antibody - Background

Cytokine that binds to TNFRSF6/FAS, a receptor that transduces the apoptotic signal into cells. May be involved in cytotoxic T-cell mediated apoptosis and in T-cell development. TNFRSF6/FAS-mediated apoptosis may have a role in the induction of peripheral tolerance, in the antigen-stimulated suicide of mature T-cells, or both. Binding to the decoy receptor TNFRSF6B/DcR3 modulates its effects.

CD178 Antibody - References

Alderson M., et al. J. Exp. Med. 181:71-77(1995).
Takahashi T., et al. Int. Immunol. 6:1567-1574(1994).
Schaezlein C.E., et al. Submitted (JUN-1995) to the EMBL/GenBank/DDBJ databases.
Mita E., et al. Biochem. Biophys. Res. Commun. 204:468-474(1994).
Zeytun A., et al. Submitted (JUL-2000) to the EMBL/GenBank/DDBJ databases.