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

Anti-CD178-AcalephFluor647-labled

Catalog # AP101360

Product Information

Application	FC, IF/IC
Primary Accession	P41047
Reactivity	Mouse
Clonality	Monoclonal
Calculated MW	31442

Additional Information

Gene ID	14103
Other Names	APT1LG1; CD95L; FASL; TNFSF6; Tumor necrosis factor ligand superfamily member 6; Apoptosis antigen ligand; APTL; CD95 ligand; CD95-L; Fas antigen ligand; Fas ligand; FasL; CD antigen CD178)
Target/Specificity	Recognizes mouse CD178
Dilution	FC~~1:10~50 IF/IC~~N/A
Format	Armenian Hamster IgG. Liquid in PBS, pH 7.3, 0.2% BSA, and 0.02% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	Faslg
Synonyms	Apt1lg1, Cd95l, Fasl, gld, Tnfsf6
Function	Cytokine that binds to TNFRSF6/FAS, a receptor that transduces the apoptotic signal into cells (PubMed:7511063). Involved in cytotoxic T-cell-mediated apoptosis, natural killer cell-mediated apoptosis and in T-cell development (PubMed:19794494, PubMed:7532682). Initiates fratricidal/suicidal activation-induced cell death (AICD) in antigen-activated T-cells contributing to the termination of immune responses (PubMed:19794494). TNFRSF6/FAS-mediated apoptosis also has a role in the induction of peripheral tolerance (PubMed:10779162). Binds to TNFRSF6B/DcR3, a decoy receptor that blocks apoptosis (By similarity).
Cellular Location	[Isoform FasL]: Cell membrane; Single-pass type II membrane protein. Cytoplasmic vesicle lumen {ECO:0000250|UniProtKB:P48023}. Lysosome lumen {ECO:0000250|UniProtKB:P48023}. Note=Is internalized into multivesicular bodies of secretory lysosomes after phosphorylation by FGR

	and monoubiquitination. Colocalizes with the SPPL2A protease at the cell membrane. {ECO:0000250|UniProtKB:P48023} [FasL intracellular domain]: Nucleus {ECO:0000250|UniProtKB:P48023}. Note=The FasL ICD cytoplasmic form is translocated into the nucleus. {ECO:0000250|UniProtKB:P48023}
Tissue Location	Expressed in T-cells (PubMed:19794494). Expressed in natural killer cells (PubMed:7532682).

Background

AcalephFluor647-labled armenian hamster monoclonal antibody to CD178

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