

## ARG23167 anti-CD178 / Fas Ligand antibody [MFL4] (FITC)

Package: 100 µg  
Store at: 4°C

### Summary

Product Description	FITC-conjugated Hamster Monoclonal antibody [MFL4] recognizes CD178 / Fas Ligand
Tested Reactivity	Ms, Rat
Tested Application	FACS
Host	Hamster
Clonality	Monoclonal
Clone	MFL4
Isotype	IgG
Target Name	CD178 / Fas Ligand
Antigen Species	Mouse
Immunogen	B6 mouse FasL/BHK cells.
Conjugation	FITC
Alternate Names	FasL ICD; SPPL2A-processed FasL form; Apoptosis antigen ligand; CD95 ligand; CD178; Fas antigen ligand; CD95-L; Receptor-binding FasL ectodomain; FasL; SPA; TNFSF6; CD95L; FASL; Fas ligand; APTL; APT1LG1; ALPS1B; sFasL; Soluble Fas ligand; Tumor necrosis factor ligand superfamily member 6; APL; CD antigen CD178

### Application Instructions

Application table	Application	Dilution
	FACS	Neat
Application Note	FACS: Use 10 µl of the suggested working dilution to label 10 <sup>6</sup> cells in 100 µl. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Calculated Mw	31 kDa	

### Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS, 0.09% Sodium azide and 1% BSA.
Preservative	0.09% Sodium azide
Stabilizer	1% BSA
Concentration	0.1 mg/ml
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be

gently mixed before use.

Note

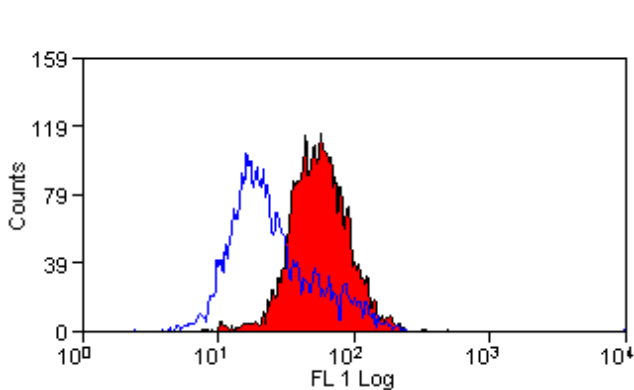
For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Gene Symbol	Fasl
Gene Full Name	Fas ligand (TNF superfamily, member 6)
Background	This gene is a member of the tumor necrosis factor superfamily. The primary function of the encoded transmembrane protein is the induction of apoptosis triggered by binding to FAS. The FAS/FASLG signaling pathway is essential for immune system regulation, including activation-induced cell death (AICD) of T cells and cytotoxic T lymphocyte induced cell death. It has also been implicated in the progression of several cancers. Defects in this gene may be related to some cases of systemic lupus erythematosus (SLE). Alternatively spliced transcript variants have been described. [provided by RefSeq, Nov 2014]
Function	<p>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.</p> <p>The FasL intracellular domain (FasL ICD) cytoplasmic form induces gene transcription inhibition. [UniProt]</p>

## Images



ARG23167 anti-CD178 / Fas Ligand antibody [MFL4] (FITC) FACS image

Flow Cytometry: Mouse CD178 transfected cells stained with ARG23167 anti-CD178 / Fas Ligand antibody [MFL4] (FITC).