

Product datasheet for **AM20860FC-N**

FasL Hamster Monoclonal Antibody [Clone ID: MFL4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	MFL4
Applications:	FC
Recommended Dilution:	Flow Cytometry: Use 10 µl of neat antibody to label 1x10 ⁶ cells in 100 µl.
Reactivity:	Mouse, Rat
Host:	Hamster
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	B6 Mouse FasL/BHK cells.
Specificity:	Recognizes both Mouse and Rat CD178. Clone MFL4 is reported to block CD178/CD95 induced apoptosis. We recommend the use of AM20860LE-N for functional studies.
Formulation:	PBS containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer Label: FITC State: Liquid purified IgG fraction Label: Fluorescein Isothiocyanate Isomer 1
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	FITC
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	Fas ligand (TNF superfamily, member 6)
Database Link:	Entrez Gene 14103 Mouse P41047



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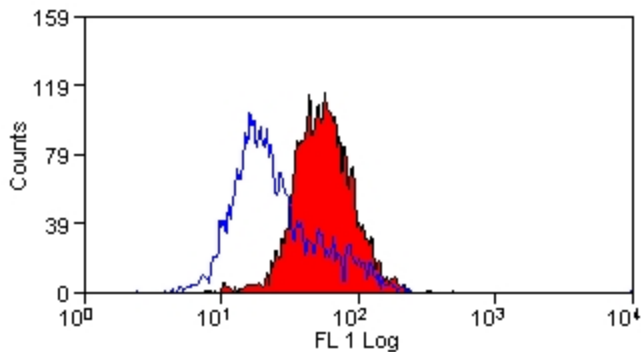
Background:

CD178, otherwise known as Fas Ligand/ CD95L, a 40kDa type II transmembrane glycoprotein and member of the TNF/NGF superfamily, expressed by activated T cells and NK cells, which can be induced on a variety of cells by radiation, heat shock, chemotherapeutic agents and viral infection.

CD178 acts as a key effector of cytotoxicity and in the regulation of immune responses. The binding of CD178 to its receptor CD95 (Fas), induces Fas-mediated apoptosis of target cells, and may be involved in the induction of peripheral tolerance and neutrophil chemotaxis. The binding of decoy receptor 3 (DcR3) to CD178 has been shown to inhibit CD178-mediated apoptosis.

Synonyms:

FASLG, APT1LG1, FASL, TNFSF6, CD95L protein, APTL

Product images:

Staining of Mouse CD178 transfected cells with FITC conjugated Hamster anti-Mouse CD178 antibody