

Mouse anti-Human Fas Ligand (CD178) Monoclonal Antibody | anti-FASLG antibody

Mouse Anti-Human Fas Ligand-FITC

CATALOG # AAA78622	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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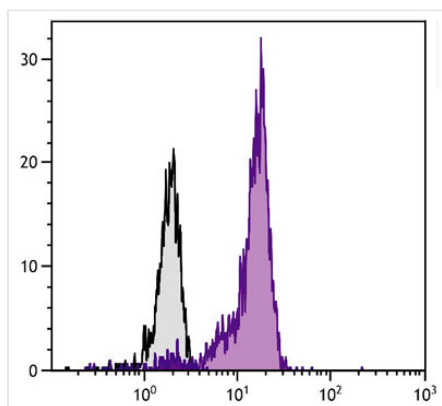
PRODUCT SYNONYMS

Fas Ligand (CD178); Monoclonal Antibody; Mouse Anti-Human Fas Ligand-FITC; Mouse Anti-Human Fas Ligand - FITC; Mouse anti-Human Fas Ligand (CD178); anti-FASLG antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG2b _κ
Clone Number	SB93a
Specificity	Human/Chicken Fas ligand
Form/Format	Fluorescein (FITC) Conjugate
Sequence Length	281
Applicable Applications for anti-FASLG antibody	FCM/FACS (Flow Cytometry)
Immunogen	Recombinant human Fas Ligand
Characterization	To ensure acceptable performance, each batch of product is tested by Flow Cytometry and/or Western blotting to conform to characteristics of a standard reference reagent.
Preparation and Storage	The fluorescein (FITC) conjugate is supplied as 0.1mg in 0.2mL of PBS/NaN ₃ . Store at 2- 8 degree C. Reagents are stable for the period shown on the label if stored as directed.

IMAGES



FCM/FACS (Flow Cytometry)

1,1-Phenanthroline stimulated human peripheral blood monocytes were stained with Mouse Anti-Human Fas Ligand-FITC.

ADDITIONAL INFORMATION

Related Product Information for anti-FASLG antibody	Fas Ligand (CD178) is a 40 kD type II transmembrane protein that is a member of the tumor necrosis factor superfamily. This well characterized potent apoptotic factor is utilized by cytotoxic T cells and natural killer cells to selectively kill virus infected and tumorigenic cells2,3. Moreover, studies indicate that Fas Ligand is an important regulator in immune homeostasis where it has been shown to down-regulate immune responses during activation-induced cell death4. Fas Ligand initiates apoptosis by binding to its receptor (CD95) on target cells which facilitates recruitment of numerous signaling proteins to form a death inducing signaling complex. This signaling complex is then believed to propagate the apoptotic signal through the recruitment and activation of Caspase- 85. The SB93a monoclonal antibody detects a band at ~40 kD, corresponding to the transmembrane (insoluble) form of Fas Ligand.
References	1) Trambas, C.M. and Griffiths, G.M. (2003) Nat. Immunol. 4:399-403. 3) Voss, M. et al. (2008). Cell. Commun. Signal. 6:11. 4) Krammer, P.H. (2000). Nature. 407:789-95.. 5) Peter, M.E. and Krammer, P.H. (2002). Cell. Death Diff. 10:26-35.

NCBI AND UNIPROT INFORMATION

NCBI GI #	17028381
NCBI GeneID	356
UniProt Accession #	P48023; Q9BZP9; Q0VHD7; Q53ZZ1
NCBI Official Full Name	Fas ligand (TNF superfamily, member 6)
NCBI Official Synonym Full Names	Fas ligand (TNF superfamily, member 6)
NCBI Official Symbol	FASLG
NCBI Official Synonym Symbols	FASL; CD178; CD95L; CD95-L; TNFSF6; APT1LG1
NCBI Protein Information	tumor necrosis factor ligand superfamily member 6; APTL; CD95 ligand; OTTHUMP00000032708; fas antigen ligand; apoptosis antigen ligand; apoptosis (APO-1) antigen ligand 1; tumor necrosis factor (ligand) superfamily, member 6
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 6
UniProt Gene Name	FASLG
UniProt Synonym Gene Names	APT1LG1; CD95L; FASL; TNFSF6
UniProt Entry Name	TNFL6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/fas-ligand-cd178-antibody-clone-sb93a-flow-cytometry-elisa/78622>