

Mouse CD178 Monoclonal Antibody | anti-CD178 antibody

MOUSE ANTI HUMAN CD178

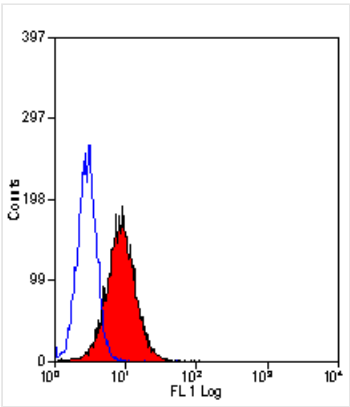
CATALOG # AAA49370	HOST Mouse	APPLICATIONS Immunoprecipitation, Flow Cytometry, Functional Assay, ELISA
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PRODUCT SYNONYMS

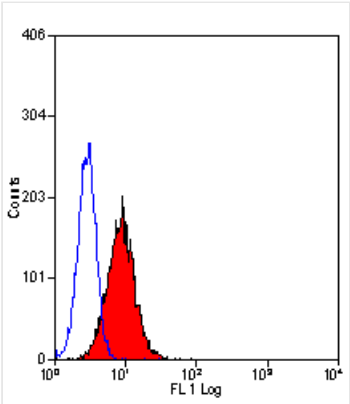
CD178; Monoclonal Antibody; MOUSE ANTI HUMAN CD178; anti-CD178 antibody

PRODUCT SPECIFICATIONS

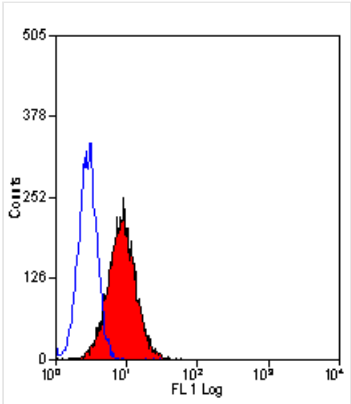
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	10F2
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	281
Applicable Applications for anti-CD178 antibody	IP (Immunoprecipitation), FCM/FACS (Flow Cytometry), ELISA
Perservative Stabilisers	0.09% Sodium Azide Preparation
Fusion Partners	Spleen cells from immunised BALB/c mice were fused with cells of the P3U1 myeloma cell line. Buffer Solution
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.



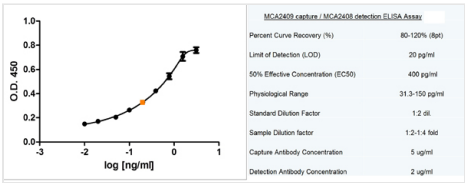
Application Data
Staining of CD178 transfected CHO cells with Mouse anti Human CD178



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Application Data
Sandwich ELISA analysis of CD178 binding using Mouse anti Human CD178 as a capture reagent and biotinylated Mouse anti Human CD178 as a detection reagent with purified human CD178 as antigen for the generation of a standard curve. Detection is by HRP conjugated Streptavidin and substrate. Microtitre plate is read at O.D. 450 nm on the iMark Microplate Absorbance Reader . Plasma (orange) sample is displayed at 1:2 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-CD178 antibody	Mouse anti Human CD178 antibody, clone 10F2 recognizes the human CD178 cell surface antigen, a 40kDa glycoprotein also known as Fas ligand (CD95L). CD178 is a member of the TNF family, which is expressed by activated T lymphocytes and NK cells. The protein may exist as either a membrane bound or a cleaved soluble form. CD178 plays an important role in T cell development and cytotoxicity. Binding of CD178 to Fas (CD95) results in the induction of apoptosis. Clone 10F2 is reported to block the activity of Fas ligand (Legembre et al. 2002).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557329
NCBI GeneID	356
NCBI Accession #	NP_000630.1
NCBI GenBank Nucleotide #	NM_000639.2
UniProt Accession #	P48023; Q9BZP9
Molecular Weight	14,006 Da
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 6 isoform 1
NCBI Official Synonym Full Names	Fas ligand (TNF superfamily, member 6)
NCBI Official Symbol	FASLG
NCBI Official Synonym Symbols	APTL; FASL; CD178; CD95L; ALPS1B; CD95-L; TNFSF6; APT1LG1

NCBI Protein Information	tumor necrosis factor ligand superfamily member 6; CD95 ligand; apoptosis (APO-1) antigen ligand 1; apoptosis antigen ligand; fas antigen ligand
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 6
UniProt Gene Name	FASLG
UniProt Synonym Gene Names	APT1LG1; CD95L; FASL; TNFSF6; APTL; CD95-L; Fas ligand; FasL; sFasL; APL; FasL ICD; SPA
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/cd178-antibody-clone-10f2-immunoprecipitation-flow-cytometry-elisa/49370>