

Mouse CD98 Monoclonal Antibody | anti-CD98 antibody

MOUSE ANTI HUMAN CD98

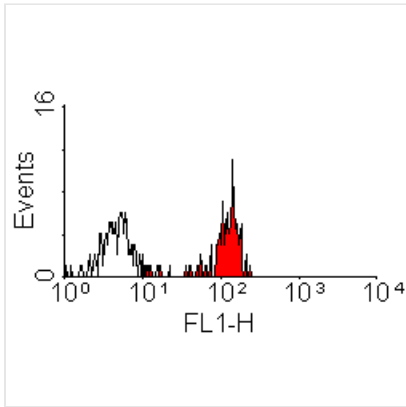
CATALOG # AAA49232	HOST Mouse	APPLICATIONS Immunoprecipitation, Flow Cytometry, Functional Assay, Immunohistochemistry
------------------------------	----------------------	--

PRODUCT SYNONYMS

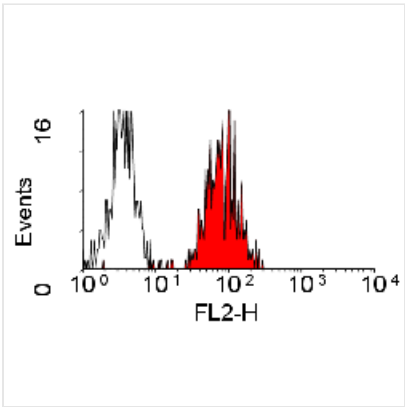
CD98; Monoclonal Antibody; MOUSE ANTI HUMAN CD98; anti-CD98 antibody

PRODUCT SPECIFICATIONS

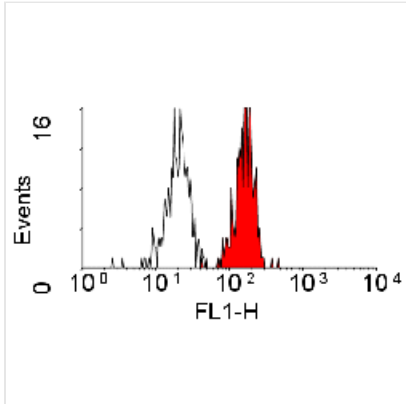
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	44D7
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	631
Applicable Applications for anti-CD98 antibody	IP (Immunoprecipitation), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Perservative Stabilisers	0.09% Sodium Azide Preparation
Immunogen	HOON pre-B leukaemia cell line Fusion Partners
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. 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 human peripheral blood monocytes with Mouse anti Human CD98:FITC



Application Data
Staining of human peripheral blood monocytes with Mouse anti Human CD98: RPE



Application Data
Staining of human peripheral blood monocytes with Mouse anti Human CD98 using Rabbit F(ab')₂ anti Mouse IgG:FITC as a secondary antibody

ADDITIONAL INFORMATION

Related Product Information for anti-CD98 antibody	Mouse anti Human CD98 antibody, clone 44D7 reacts with the heavy chain of the CD98 molecule. The same epitope as recognized by clone 4F2. This antibody binds to all cell lines in culture and to activated T-cells.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	61744477
NCBI GeneID	6520
NCBI Accession #	NP_001012680.1
NCBI GenBank Nucleotide #	NM_001012662.2
UniProt Accession #	P08195; Q13543
Molecular Weight	71,123 Da
NCBI Official Full Name	4F2 cell-surface antigen heavy chain isoform b
NCBI Official Synonym Full Names	solute carrier family 3 (amino acid transporter heavy chain), member 2
NCBI Official Symbol	SLC3A2
NCBI Official Synonym Symbols	4F2; CD98; MDU1; 4F2HC; 4T2HC; NACAE; CD98HC

NCBI Protein Information	4F2 cell-surface antigen heavy chain; CD98 heavy chain; antigen defined by monoclonal antibody 4F2, heavy chain; antigen identified by monoclonal antibodies 4F2, TRA1.10, TROP4, and T43; lymphocyte activation antigen 4F2 large subunit; monoclonal antibody 44D7; solute carrier family 3 (activators of dibasic and neutral amino acid transport), member 2; solute carrier family 3 member 2
UniProt Protein Name	4F2 cell-surface antigen heavy chain
UniProt Gene Name	SLC3A2
UniProt Synonym Gene Names	MDU1; 4F2hc
UniProt Entry Name	4F2_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/cd98-antibody-clone-44d7-immunoprecipitation-flow-cytometry-immunohistochemistry-elisa/49232>