

Humanized anti-Human CD98 Antibody | anti-CD98 antibody

Anti-CD98 (HuM23 biosimilar) mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA129442	Humanized	Human	Flow Cytometry, Functional Assay, ELISA

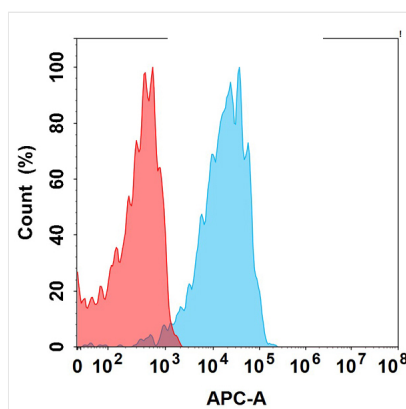
PRODUCT SYNONYMS

CD98; Anti-CD98 (HuM23 biosimilar) mAb; SLC3A2; 4F2; MDU1; HuM23; anti-CD98 antibody

PRODUCT SPECIFICATIONS

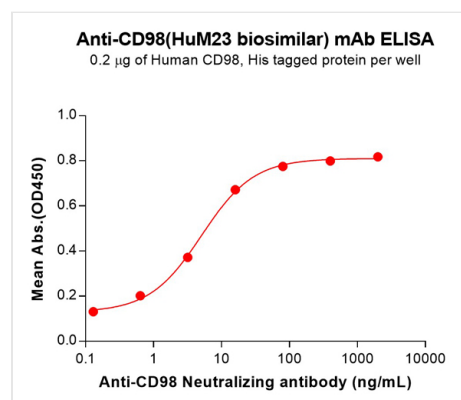
Host	Humanized
Reactivity	Human
Isotype	IgG1 (K97R)
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Applicable Applications for anti-CD98 antibody	FCM/FACS (Flow Cytometry), ELISA
Preparation and Storage	Store at -20 degree C to -80 degree C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 degree C (Avoid repeated freezing and thawing). Lyophilized antibodies are shipped at ambient temperature.

IMAGES



FCM/FACS (Flow Cytometry)

Figure 2. CD98 protein is expressed on the surface of Expi293 cell membrane. Flow cytometry analysis with 1 ug/mL Anti-CD98(HuM23 biosimilar) mAb (AAA129442) (Blue histogram) or isotype control mAb (Red histogram) on Expi293 cells.



ELISA

Figure 1. ELISA plate pre-coated by 2 ug/mL (100 uL/well) Human CD98 Protein, His Tag can bind Anti-CD98(HuM23 biosimilar) mAb (AAA129442) in a linear range of 0.64–80 ng/mL.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CD98 antibody	Biosimilar reference antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	257051063
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NCBI GeneID	6520
UniProt Accession #	P08195; Q13543
Molecular Weight	71,123 Da
NCBI Official Full Name	4F2 cell-surface antigen heavy chain
NCBI Official Synonym Full Names	solute carrier family 3 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
UniProt Protein Name	4F2 cell-surface antigen heavy chain
UniProt Gene Name	SLC3A2
UniProt Synonym Gene Names	MDU1; 4F2hc

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.

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Online datasheet: <https://stage.aaabiotech.com/humanized-human-antibody/cd98/129442>