

Rabbit anti-Human CD98 Polyclonal Antibody | anti-CD98 antibody

Rabbit anti-CD98 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212626	Rabbit	Human	Immunohistochemistry, Western Blot

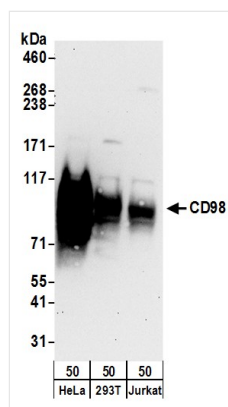
PRODUCT SYNONYMS

CD98; Polyclonal Antibody; Rabbit anti-CD98 Antibody; Affinity Purified; MDU1; CD98 heavy chain; Solute carrier family 3 member 2; solute carrier family 3 (amino acid transporter heavy chain); member 2; solute carrier family 3 (activators of dibasic and neutral amino acid transport); monoclonal antibody 44D7; lymphocyte activation antigen 4F2 large subunit; CD98HC; 4F2 heavy chain antigen; 4F2; NACAE; 4F2 cell-surface antigen heavy chain; 4F2HC; 4T2HC; antigen defined by monoclonal antibody 4F2; heavy chain; antigen identified by monoclonal antibodies 4F2; TRA1.10; TROP4; and T43; CD antigen CD98; solute carrier family 3 member 2; anti-CD98 antibody

PRODUCT SPECIFICATIONS

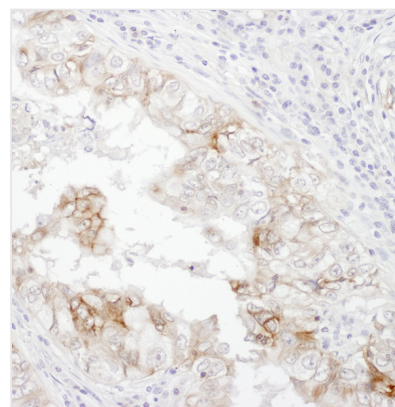
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-CD98 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Between 580 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human CD98 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells. Antibodies: Affinity purified rabbit anti-CD98 antibody AAA212626 (lot AAA212626-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IHC (Immunohistochemistry)

Detection of human CD98 by immunohistochemistry. Sample: FFPE section of human lung cancer. Antibody: Affinity purified rabbit anti-CD98 (Cat. No. AAA212626 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB. Counterstain: Hematoxylin (blue).

ADDITIONAL INFORMATION

Related Product Information for anti-CD98 antibody	CD98 is a member of the solute carrier family. It is a cell surface, transmembrane protein. CD98 exists as the heavy chain of a heterodimer, covalently bound through di-sulfide bonds to one of several possible light chains. CD98 plays a role in regulation of intracellular calcium levels and transports L-type amino acids [taken from NCBI Entrez Gene (Gene ID: 6520)].
Product Categories/Family for anti-CD98 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	65506891
NCBI GeneID	6520
NCBI Accession #	NP_002385.3
NCBI GenBank Nucleotide #	NM_002394.5
UniProt Accession #	P08195; Q13543
Molecular Weight	71,123 Da
NCBI Official Full Name	4F2 cell-surface antigen heavy chain isoform c
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; monoclonal antibody 44D7; solute carrier family 3 member 2; lymphocyte activation antigen 4F2 large subunit; antigen defined by monoclonal antibody 4F2, heavy chain; antigen identified by monoclonal
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.