

Anti-Human CD98 Purified Monoclonal Antibody

Catalog Number: M01016

About SLC7A5

CD98 (4F2) is a type II transmembrane glycoprotein which serves as the heavy chain of the heterodimeric amino acid transporters (HATs). CD98, linked to various light chains by disulfide bond, is responsible for cell surface expression and basolateral localization of this transporter complex in polarized epithelial cells and also interacts with beta1 integrins and increases their affinity for ligand. Besides its roles in amino acid transport, CD98 is thus involved in cell fusion and activation. It is implicated in regulation of cellular differentiation, growth and apoptosis.

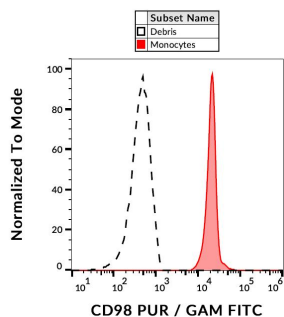
Overview

Product Name	Anti-Human CD98 Purified Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-Hu CD98 Purified Monoclonal Antibody (Catalog# M01016). Tested in Flow Cytometry, IP, IHC-P application(s). This antibody reacts with Human.
Application	Flow Cytometry, IP, IHC-P
Clonality	Monoclonal MEM-108
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage Instructions	Store at 2-8°C. Do not freeze.
Host	Mouse
Uniprot ID	Q01650

Technical Details

Immunogen	RAJI human Burkitt's lymphoma cell line. The antibody MEM-108 reacts with an extracellular epitope of CD98, a 125 kDa disulfide-linked heterodimer (80 kDa glycosylated heavy chain + 45 kDa non-glycosylated light chain). CD98 is expressed on T lymphocytes (upon activation) and activated NK cells; it is also present at low levels on B lymphocytes, NK cells, monocytes and platelets.
Predicted Reactive Species	Primate
Isotype	Mouse IgG1
Form	Liquid
Concentration	1 mg/ml
Purification	Purified by protein-A affinity chromatography.
Suggested Dilutions	Flow cytometry: 4 ug/ml. Immunohistochemistry (paraffin sections): 10 ug/ml; positive tissue: liver.

Anti-Human CD98 Purified Monoclonal Antibody (M01016) Images



Flow cytometry analysis (surface staining) of human peripheral blood monocytes with anti-human CD98 (MEM-108) purified, GAM-FITC.

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-Human CD98 Purified Monoclonal Antibody

For Research Use Only. Not for use in diagnostic procedures.