9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

12-9500: Anti-CD98 antibody(2H8); IgG1 Chimeric mAb

Clonality :	Monoclonal
Clone Name :	2H8
Application :	FACS
Reactivity :	Human
Uniprot ID :	P08195
Alternative Name :	SLC3A2;F2;MDU1;4F2HC;4T2HC;NACAE;CD98HC
Isotype :	Rabbit/Human Fc chimeric IgG1

Description

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This gene is a member of the solute carrier family and encodes a cell surface, transmembrane protein. The protein exists as the heavy chain of a heterodimer, covalently bound through di-sulfide bonds to one of several possible light chains. The encoded transporter plays a role in regulation of intracellular calcium levels and transports L-type amino acids. Alternatively spliced transcript variants, encoding different isoforms, have been characterized. [provided by RefSeq, Nov 2010]

Product Info

Amount :	10 µg / 100 µg
Purification :	Purified from cell culture supernatant by affinity chromatography
Content :	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.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

Application Note

FACS 1/100

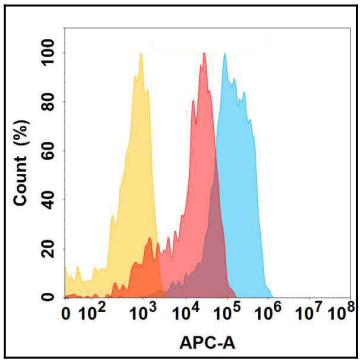


Figure 1. CD98 protein is expressed on the surface of Expi293 cell membrane. Flow cytometry analysis with Anti-CD98 (2H8) mAb on Expi293 cells transfected with human CD98 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram), and Isotype antibody on Expi293 transfected with irrelevant protein (Orange histogram).

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