CD98 Antibody (SLC3A2) [clone IPO-T10] (V2859)

Catalog No.	Formulation	Size
V2859-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2859-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2859SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Citations (2)

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgM, kappa
Clone Name	IPO-T10
Purity	PEG precipitation
UniProt	P08195
Localization	Cell surface, cytoplasmic
Applications	Flow cytometry: 0.5-1ug/10^6 cells Immunofluorescence: 0.5-1ug/ml
Limitations	This CD98 antibody is available for research use only.



Description

CD98 exits as a heterodimer containing a disulphide-linked glycosylated heavy chain and a non-glycosylated light chain. It 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 disulfide 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.

Application Notes

Optimal dilution of the CD98 antibody should be determined by the researcher.

Immunogen

Native leukocytes were used as the immunogen for the CD98 antibody.

Storage

Store the CD98 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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