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36-1684: Monoclonal Antibody to CD98 (SLC3A2)(Clone : UM7F8)

Clonality :	Monoclonal
Clone Name :	UM7F8
Application :	FACS,IF
Reactivity :	Human
Gene :	SLC3A2
Gene ID :	6520
Uniprot ID :	P08195
Format :	Purified
Alternative Name :	SLC3A2, MDU1, 4F2 cell-surface antigen heavy chain, 4F2 heavy chain antigen, Lymphocyte activation antigen 4F2 large subunit, Solute carrier family 3 member 2
Isotype :	Mouse IgG1, kappa
Immunogen Information :	Molt 13 T cell line

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.

Product Info

Amount :	100 µg
Purification :	Affinity Chromatography
Content :	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Comitogenic with soluble anti-CD2 and immobilized anti-CD3 mAbs; Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml);

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