

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

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

#### Description

CD98 exists 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

<b>Amount :</b>	100 µg
<b>Purification :</b>	Affinity Chromatography
<b>Content :</b>	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	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);