

36-1685: Monoclonal Antibody to CD98 (SLC3A2)(Clone : IPO-T10)

| | |
|--------------------------------|--|
| Clonality : | Monoclonal |
| Clone Name : | IPO-T10 |
| 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 IgM, kappa |
| Immunogen Information : | Native leucocytes |

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

| | |
|----------------------------|---|
| 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

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml);