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

Clonality: Monoclonal **Clone Name:** UM7F8 FACS.IF Application: 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:  $100 \mu g$ 

**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);