

## CD98 (SLC3A2) Antibody

Mouse Monoclonal Antibody [Clone UM7F8]

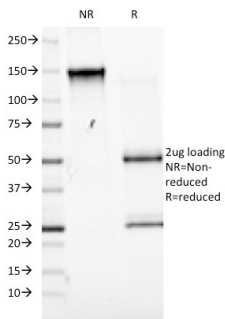
Catalog No	Format	Size
6520-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
6520-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
6520-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	

Product Details	
<b>Clone</b>	UM7F8
<b>Gene Name</b>	SLC3A2
<b>Immunogen</b>	Molt 13 T cell line
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype / Light Chain</b>	IgG1 / Kappa
<b>Mol. Weight of Antigen</b>	Heterodimer (125kDa) made of a disulfide-linked glycosylated heavy chain of approximately 80-90kDa and a non-glycosylated light chain
<b>Cellular Localization</b>	Apical cell membrane, Cell junction, Cell membrane, Lysosome membrane, Melanosome
<b>Species Reactivity</b>	Human
<b>Positive Control</b>	Hep-G2 cells, HL-60, HUT-78, Jurkat, K562, MG63, Tonsil., U937, YT

\*Optimal dilution for a specific application should be determined.

### Product Images for CD98 (SLC3A2) Antibody



SDS-PAGE Analysis of Purified CD98 Mouse Monoclonal Antibody (UM7F8).  
Confirmation of Purity and Integrity of Antibody.

#### Specificity & Comments

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.

#### Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

#### Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

#### Research Areas

Infectious Disease

#### Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.