

Datasheet for ABIN6940598

anti-SLC3A2 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	SLC3A2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SLC3A2 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Immunogen:	Molt 13 T cell line
Clone:	UM7F8
Isotype:	IgG1 kappa
Purification:	Purified by Protein A/G

Target Details

Target:	SLC3A2
Alternative Name:	SLC3A2 (SLC3A2 Products)
Background:	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

Target Details

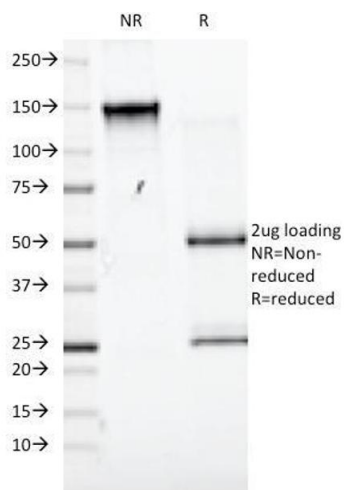
	plays a role in regulation of intracellular calcium levels and transports L-type amino acids. Alternatively spliced transcript variants, encoding different isoforms, have been characterized.
Molecular Weight:	Heterodimer (125kDa) made of a disulfide-linked glycosylated heavy chain of approximately 80-90kDa and a non-glycosylated light chain
Gene ID:	6520
UniProt:	P08195

Application Details

Application Notes:	Positive Control: HL-60, Jurkat, MG63, HUT-78, K562, YT, U937, Hep-G2 cells, Tonsil. Known Application: Comitogenic with soluble anti-CD2 and immobilized anti-CD3 mAbs, Flow Cytometry (0.5-1 µg/million cells), Immunofluorescence (0.5-1.0 µg/mL), Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

Handling

Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	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.
Expiry Date:	24 months



SDS-PAGE

Image 1. SDS-PAGE Analysis Purified CD98 Mouse Monoclonal Antibody (UM7F8). Confirmation of Purity and Integrity of Antibody.