

Datasheet for ABIN7072293

Recombinant anti-SLC3A2 antibody



[Go to Product page](#)

1 Image

Overview

Quantity:	200 µg
Target:	SLC3A2
Reactivity:	Human
Host:	Mouse
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This SLC3A2 antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	Anti-CD98 [CP1-5], Mouse IgG1, kappa
Immunogen:	Epitope peptide (LLHGDFHAFSAG-GGGCCD) linked to KLH.
Clone:	CP1-5
Isotype:	IgG1 kappa
Specificity:	Binds specifically to human CD98.
Characteristics:	Original Species of Ab: Mouse Original Format of Ab: IgG1
Purification:	Protein A affinity purified

Target Details

Target:	SLC3A2
Alternative Name:	CD98 (SLC3A2 Products)
Background:	Oncoprotein CD98, large neutral amino acid transporter, LAT1
UniProt:	P08195 , Q01650

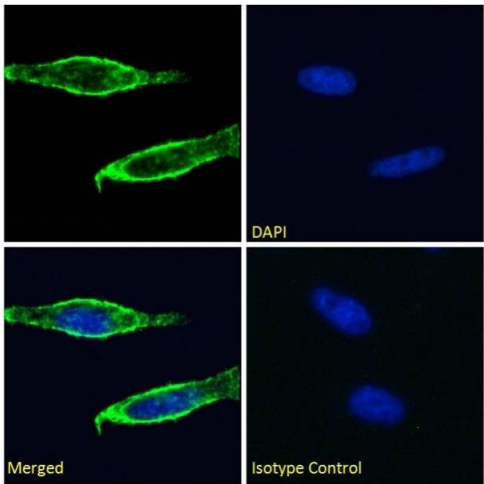
Application Details

Application Notes:	This monoclonal antibody specifically binds to CD98, a heterodimeric glycoprotein forming the large neutral amino acid transporter (LAT1) which preferentially transports branched-chain and aromatic amino acids.
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % Proclin 300.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Images



Immunofluorescence

Image 1. Immunofluorescence staining of fixed HeLa cells with anti-CD98 antibody CP1-5. Immunofluorescence analysis of paraformaldehyde fixed HeLa cells on Shi-fix™ coverslips, permeabilized with 0.15 % Triton and stained with the chimeric mouse IgG1 version of CP1-5 (ABIN7072293) at 10 µg/mL for 1h followed by Alexa Fluor®488 secondary antibody (2 µg/mL), showing membrane staining. The nuclear stain is DAPI (blue). Panels

show from left-right, top-bottom ABIN7072293, DAPI, merged channels and an isotype control. The isotype control was stained with an unknown specificity antibody (ABIN5668079) followed by Alexa Fluor®488 secondary antibody.