

Recombinant Anti-SLC3A2 Antibody (V3S-1022-YC2396)

Cat. No.: V3S-1022-YC2396

Summary

Description	This product is a recombinant Mouse antibody provided by CreativeBiolabs. The antibody is specific for Solute carrier family 3 member 2. It can be used for Solute carrier family 3 member 2 detection in Enzyme-Linked Immunosorbent Assay, Flow Cytometry and Immunohistochemistry. It was expressed in mammalian cells (293F or CHO) with antibody encoding genes and purified by affinity chromatography. Each lot of this antibody is quality control tested by SDS-PAGE and SEC-HPLC analysis. For highly sensitive assays, we recommend the ultrapurified form of the product, which has a lower endotoxin limit than standard antibody, less than 1 EU/mg or even 0.1 EU/mg.
Clonality	Monoclonal
Host Species	Mouse
Target Species	Human
Immunogen	Human CD98 (huCD98) expressing tumor cells
Affinity	The affinity is in nanomolar range, about 0.56 nM, determined by surface plasmon resonance.
Isotype	IgG
Isotype Control	C35500
Secondary Antibody	C37557; C41360; C32672; C10001

Property

Expression Species	HEK293F or CHO Cell line
Conjugation	Unconjugated, also available for Biotin, HRP, FITC and PE-labeled form.
Purity	>95%, determined by SDS-PAGE and SEC-HPLC
Endotoxin	<1 EU/mg, determined by LAL method
Purification	Purified with Protein A or G affinity chromatography
Sterility	0.2 µM filtered
Formulation	PBS, pH 7.4
Preservation	No preservatives
Stabilizer	No stabilizers

For lab research use only, not for diagnostic, therapeutic or any *in vivo* human use.

Storage

Store at 4°C within one or two weeks. Store at -20°C for long term. Avoid repeated freeze/thaw cycles. Refer to the COA file for specifics.

Applications

Application

ELISA; FC; IHC

Target

Target

SLC3A2

Alternative Name

4F2; CD98; MDU1; 4F2HC; 4T2HC; NACAE; CD98HC

Gene ID

[6520](#)

UniProt

[P08195](#)

Introduction

The protein exists as the heavy chain of a heterodimer, covalently bound through di-sulfide 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.

Research Area

Immunology; Signal Pathway; Cancer Research

Related Disease

Cancers

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