

RecomAb™

SLC7A11 recombinant monoclonal antibody, clone R08-2C5

Catalog # RAB01824 Size 100 uL

Applications



Western Blot

Western blot analysis of K562 lysates with SLC7A11 recombinant monoclonal antibody, clone R08-2C5 (Cat # RAB01824).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human SLC7A11.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human SLC7A11.
Theoretical MW (kDa)	Calculated MW: 55 kD
Reactivity	Human, Mouse
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunoprecipitation (1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at -20 °C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

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- Immunoprecipitation

Gene Info — SLC7A11

Entrez GeneID [23657](#)

Protein Accession# [Q9UPY5](#)

Gene Name SLC7A11

Gene Alias CCBR1, xCT

Gene Description solute carrier family 7, (cationic amino acid transporter, y+ system) member 11

Omim ID [607933](#)

Gene Ontology [Hyperlink](#)

Gene Summary SLC7A11 is a member of a heteromeric Na(+)-independent anionic amino acid transport system highly specific for cystine and glutamate. In this system, designated system Xc(-), the anionic form of cystine is transported in exchange for glutamate.[supplied by OMIM]

Other Designations cystine/glutamate transporter

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Tooth Abnormalities](#)