

SLC1A5 recombinant antibody

SLC1A5 Recombinant Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279327	HEK293F Cell	Human	Flow Cytometry, Functional Assay, Immunofluorescence, ELISA

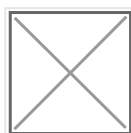
PRODUCT SYNONYMS

SLC1A5; Monoclonal Recombinant Antibody; SLC1A5 Recombinant Monoclonal Antibody; ASCT2 antibody; AAAT antibody; AAAT_HUMAN antibody; ATB(0) antibody; ATBO antibody; Baboon M7 virus receptor antibody; FLJ31068 antibody; M7V1 antibody; M7VS1 antibody; Neutral amino acid transporter B(0) antibody; R16 antibody; RD114/simian type D retrovirus receptor antibody; RDR antibody; RDRC antibody; SLC1A5 antibody; Sodium dependent neutral amino acid transporter type 2 antibody; Sodium-dependent neutral amino acid transporter type 2 antibody; Solute carrier family 1 (neutral amino acid transporter); member 5 antibody; Solute carrier family 1 member 5 antibody; SLC1A5 recombinant antibody

PRODUCT SPECIFICATIONS

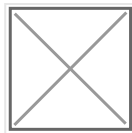
Host	HEK293F Cell
Reactivity	Human
Clonality	Monoclonal
Isotype	hIgG1
Clone Number	4G12
Purity/Purification	Affinity-chromatography
Form/Format	Liquid; Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Applicable Applications for SLC1A5 recombinant antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ELISA
Antigen Species	Human
Antigen	Recombinant Human SLC1A5 protein
Conjugation	Non-conjugated
Research Area	Cancer, Metabolism, Microbiology, Signal transduction
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



FCM/FACS (Flow Cytometry)

Overlay Peak curve showing A549 cells stained with AAA279327 (red line) at 1:100. The cells were fixed in 4% formaldehyde and permeated by 0.2% TritonX-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*106cells) for 45min at 4 degree C. The secondary antibody used was FITC-conjugated Goat Anti-human IgG(H+L) at 1:200 dilution for 35min at 4 degree C. Control antibody (green line) was human IgG (1ug/1*106cells) used under the same conditions. Acquisition of >10,000 events was performed.



IF (Immunofluorescence)

Immunofluorescence staining of MCF cell with AAA279327 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4C. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Human IgG(H+L).

NCBI AND UNIPROT INFORMATION

NCBI GI #	5032093
NCBI GeneID	6510
NCBI Accession #	NP_005619.1
NCBI GenBank Nucleotide #	NM_005628.2
UniProt Accession #	Q15758; O95720; Q96RL9; Q9BWQ3; Q9UNP2; A8K9H5; B4DR77; B4DWS4; B7ZB81; D0EYG6; E9PC01
Molecular Weight	33,710 Da
NCBI Official Full Name	neutral amino acid transporter B(0) isoform 1
NCBI Official Synonym Full Names	solute carrier family 1 (neutral amino acid transporter), member 5
NCBI Official Symbol	SLC1A5
NCBI Official Synonym Symbols	R16; AAAT; ATBO; M7V1; RDRC; ASCT2; M7VS1
NCBI Protein Information	neutral amino acid transporter B(0); neutral amino acid transporter B(0); ATB(0); RD114 virus receptor; baboon M7 virus receptor; solute carrier family 1 member 5; RD114/simian type D retrovirus receptor; sodium-dependent neutral amino acid transporter ty
UniProt Protein Name	Neutral amino acid transporter B(0)
UniProt Gene Name	SLC1A5
UniProt Synonym Gene Names	ASCT2; M7V1; RDR; RDRC; ATB(0)
UniProt Entry Name	AAAT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/slc1a5-recombinant-antibody-clone-4g12-flow-cytometry-immunofluorescence-elisa/279327>