

Mouse anti-Human SLC22A1 Monoclonal Antibody | anti-SLC22A1 antibody

SLC22A1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312077	Mouse	Human	Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

SLC22A1; Monoclonal Antibody; SLC22A1 Antibody; hOCT1 antibody; OCT1 antibody; oct1_cds antibody; Organic cation transporter 1 antibody; S22A1_HUMAN antibody; Slc22a1 antibody; solute carrier family 22 (organic cation transporter); member 1 antibody; Solute carrier family 22 member 1 antibody; anti-SLC22A1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Clone Number	C6-D5
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1%BSA, Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-SLC22A1 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of Jurkat cells with SLC22A1 antibody at 1/100 dilution (green) compared with an unlabelled control (cells without incubation with primary antibody; purple).



WB (Western Blot)

Western blot analysis of SLC22A1 on HEK293 (1) and SLC22A1-hlgGfC transfected HEK293 (2) cell lysate using anti-SLC22A1 antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC22A1 antibody	The transport of organic cations is inhibited by a broad array of compounds like tetramethylammonium (TMA), cocaine, lidocaine, NMDA receptor antagonists, atropine, prazosin, cimetidine, TEA and NMN, guanidine, cimetidine, choline, procainamide, quinine, tetrabutylammonium, and tetrapentylammonium. Translocates organic cations in an electrogenic and pH-independent manner. Translocates organic cations across the plasma membrane in both directions. Transports the polyamines spermine and spermidine. Transports pramipexole across the basolateral membrane of the proximal tubular epithelial cells. The choline transport is activated by MMTS. Regulated by various intracellular signaling pathways including inhibition by protein kinase A activation, and endogenously activation by the calmodulin complex, the calmodulin-dependent kinase II and LCK tyrosine kinase.
Product Categories/Family for anti-SLC22A1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	313104181
NCBI GeneID	6580
UniProt Accession #	O15245; O15395; Q9NQD4; A6NFF3; A8K1H2; C9JSU6
Molecular Weight	39,224 Da
NCBI Official Full Name	Solute carrier family 22 member 1
NCBI Official Synonym Full Names	solute carrier family 22 (organic cation transporter), member 1
NCBI Official Symbol	SLC22A1
NCBI Official Synonym Symbols	OCT1; HOCT1; oct1_cds
NCBI Protein Information	solute carrier family 22 member 1; organic cation transporter 1
UniProt Protein Name	Solute carrier family 22 member 1
UniProt Gene Name	SLC22A1
UniProt Synonym Gene Names	OCT1; hOCT1
UniProt Entry Name	S22A1_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/slc22a1-antibody-clone-c6-d5-flow-cytometry-western-blot-elisa/312077>