

Mouse anti-Human OCT1 Monoclonal Antibody | anti-OCT1 antibody

OCT1 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320181	Mouse	Human	ELISA, Flow Cytometry, Functional Assay, Western Blot

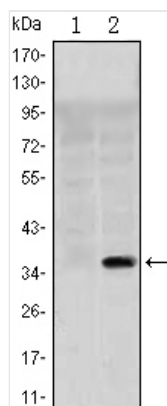
PRODUCT SYNONYMS

OCT1; Monoclonal Antibody; OCT1 Monoclonal Antibody; Solute carrier family 22 member 1; SLC22A1; Organic cation transporter 1; hOCT1; anti-OCT1 antibody

PRODUCT SPECIFICATIONS

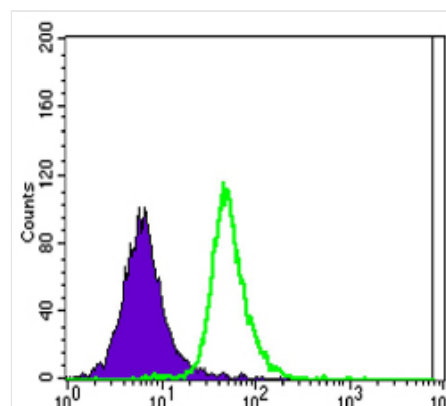
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	OCT1 Monoclonal Antibody detects endogenous levels of 41183 protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-OCT1 antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human OCT1 expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of Jurkat cells using OCT1 Monoclonal Antibody (green) and negative control (purple).



WB (Western Blot)

Western Blot analysis using OCT1 Monoclonal Antibody against HEK293 (1) and SLC22A1-hlgGfC transfected HEK293 (2) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-OCT1 antibody	Polyspecific organic cation transporters in the liver, kidney, intestine, and other organs are critical for elimination of many endogenous small organic cations as well as a wide array of drugs and environmental toxins. This gene is one of three similar cation transporter genes located in a cluster on chromosome 6. The encoded protein contains twelve putative transmembrane domains and is a plasma integral membrane protein. Two transcript variants encoding two different isoforms have been found for this gene, but only the longer variant encodes a functional transporter. [provided by RefSeq, Jul 2008]
Product Categories/Family for anti-OCT1 antibody	Primary Antibodies

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/oct1-antibody-flow-cytometry-western-blot-elisa/320181>