Mouse SulT2A1 Monoclonal Antibody | anti-SulT2A1 antibody

SulT2A1 antibody

CATALOG #	HOST	APPLICATIONS
AAA106828	**Mouse**	**Western Blot, Flow Cytometry, Functional Assay**

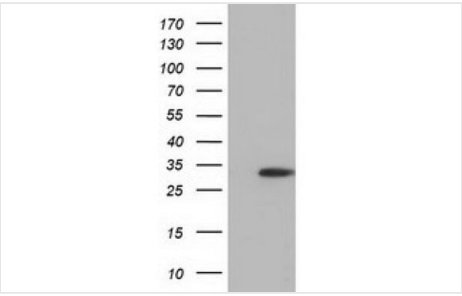
PRODUCT SYNONYMS

SulT2A1; Monoclonal Antibody; SulT2A1 antibody; Monoclonal SulT2A1; Anti-SulT2A1; SulTA1 2; SulTA1-2; anti-SulT2A1 antibody

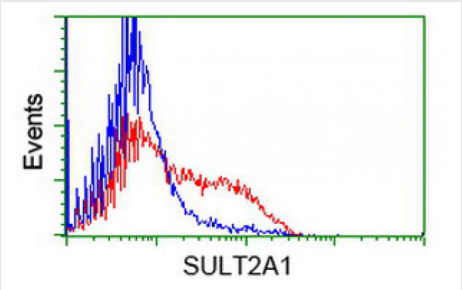
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1D2
Purity/Purification	SulT2A1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	285
Applicable Applications for anti-SulT2A1 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry)
Biological Significance	SulT2A1 a member of the sulfotransferase family. Sulfotransferases aid in the metabolism of drugs and endogenous compounds by converting these substances into more hydrophilic water-soluble sulfate conjugates that can beeasily excreted. This protein catalyzes the sulfation of steroids and bile acids in the liver and adrenal glands, andmay have a role in the inherited adrenal androgen excess in women with polycystic ovary syndrome.
Cross-Reactivity	Human
Immunogen	SulT2A1 antibody was raised in mouse using a full length recombinant protein of human SulT2A1 (NP_003158) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant SulT2A1 protein (Right) or empty vector (Left) detected with SulT2A1 antibody



FCM/FACS (Flow Cytometry)
Flow Cytometric analysis of HEK293T cells transfected with either recombinant SulT2A1 protein (red) or empty vector (blue) stained using SulT2A1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-SulT2A1 antibody	Mouse monoclonal SulT2A1 antibody
Product Categories/Family for anti-SulT2A1 antibody	Nutrition & Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	29540545
NCBI GeneID	6822
NCBI Accession #	NP_003158
NCBI GenBank Nucleotide #	NM_003167.3
UniProt Accession #	Q06520
Molecular Weight	33,780 Da
NCBI Official Full Name	bile salt sulfotransferase
NCBI Official Synonym Full Names	sulfotransferase family, cytosolic, 2A, dehydroepiandrosterone (DHEA)-preferring, member 1
NCBI Official Symbol	SULT2A1
NCBI Official Synonym Symbols	HST; ST2; STD; hSTa; DHEAS; ST2A1; ST2A3; DHEA-ST
NCBI Protein Information	bile salt sulfotransferase
UniProt Protein Name	Bile salt sulfotransferase
UniProt Gene Name	**SULT2A1**
UniProt Synonym Gene Names	HST; STD; DHEA-ST; HST; ST2A1
UniProt Entry Name	ST2A1_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://www.aaabiotech.com/monoclonal/sult2a1-antibody-clone-1d2-western-blot-flow-cytometry-elisa/106828