

Mouse SulT1C2 Monoclonal Antibody | anti-SulT1C2 antibody

SulT1C2 antibody

CATALOG # AAA107244	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay
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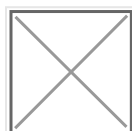
PRODUCT SYNONYMS

SulT1C2; Monoclonal Antibody; SulT1C2 antibody; Monoclonal SulT1C2; Anti-SulT1C2; Sulfotransferase Family Cytosoli 1cC Member 4; MGC149521; MGC34422; SulT1C; SulTC2 1; SulTC2-1; anti-SulT1C2 antibody

PRODUCT SPECIFICATIONS

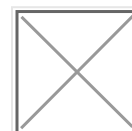
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	5A4
Purity/Purification	SulT1C2 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	296
Applicable Applications for anti-SulT1C2 antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Biological Significance	SulT1C4 catalyzes the sulfate conjugation of many drugs, xenobiotic compounds, hormones, and neurotransmitters. It may be involved in the activation of carcinogenic hydroxylamines. SulT1C4 shows activity towards p-nitrophenol and N-hydroxy-2-acetylaminofluorene (N-OH-2-AAF). Sulfotransferase enzymes catalyze the sulfate conjugation of many hormones, neurotransmitters, drugs, and xenobiotic compounds. These cytosolic enzymes are different in their tissue distributions and substrate specificities.
Cross-Reactivity	Human
Immunogen	SulT1C2 antibody was raised in mouse using a full length recombinant protein of human SulT1C2 (NP_001047) 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



IHC (Immunohistochemistry)

Immunohistochemical analysis of SulT1C2 protein in paraffin embedded Human Kidney tissue using SulT1C2 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant SulT1C2 protein (Right) or empty vector (Left) detected with SulT1C2 antibody



FCM/FACS (Flow Cytometry)

Flow Cytometric analysis of HEK293T cells transfected with either recombinant Sult1C2 protein (red) or empty vector (blue) stained using Sult1C2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-Sult1C2 antibody	Mouse monoclonal Sult1C2 antibody
Product Categories/Family for anti-Sult1C2 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507305
NCBI GeneID	6819
NCBI Accession #	NP_001047
NCBI GenBank Nucleotide #	NM_001056.3
UniProt Accession #	O00338 ; Q53SG4 ; B2R813
Molecular Weight	35,868 Da
NCBI Official Full Name	sulfotransferase 1C2 isoform a
NCBI Official Synonym Full Names	sulfotransferase family, cytosolic, 1C, member 2
NCBI Official Symbol	SULT1C2
NCBI Official Synonym Symbols	ST1C1; ST1C2; SULT1C1; humSULTC2
NCBI Protein Information	sulfotransferase 1C2
UniProt Protein Name	Sulfotransferase 1C2
UniProt Gene Name	SULT1C2
UniProt Synonym Gene Names	SULT1C1; ST1C2; SULT1C#1
UniProt Entry Name	ST1C2_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/sult1c2-antibody-clone-5a4-western-blot-immunohistochemistry-flow-cytometry-elisa/107244>