

Mouse EPHX2 Monoclonal Antibody | anti-EPHX2 antibody

EPHX2 antibody

CATALOG # AAA106361	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay
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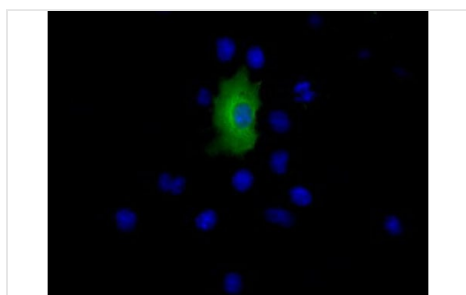
PRODUCT SYNONYMS

EPHX2; Monoclonal Antibody; EPHX2 antibody; Monoclonal EPHX2; Anti-EPHX2; Epoxide hydrolase 2; Cytosolic epoxide hydrolase; Epoxide hydratase; Soluble epoxide hydrolase; CEH; SEH; EPHX 2; EPHX-2; anti-EPHX2 antibody

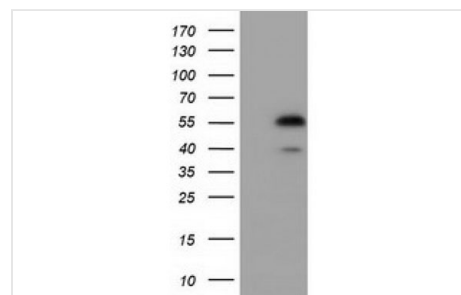
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2G2
Purity/Purification	EPHX2 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	555
Applicable Applications for anti-EPHX2 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	EPHX2 is a member of the epoxide hydrolase family. The protein, found in both the cytosol and peroxisomes, binds to specific epoxides and converts them to the corresponding dihydrodiols. Mutations in this gene have been associated with familial hypercholesterolemia.
Cross-Reactivity	Human
Immunogen	EPHX2 antibody was raised in mouse using a full length recombinant protein of human EPHX2 (NP_001970) 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


IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant EPHX2 protein using EPHX2 antibody


WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant EPHX2 protein (Right) or empty vector (Left) detected with EPHX2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-EPHX2 antibody	Mouse monoclonal EPHX2 antibody
Product Categories/Family for anti-EPHX2 antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	27597073
NCBI GeneID	2053
NCBI Accession #	NP_001970
NCBI GenBank Nucleotide #	NM_001979.5
UniProt Accession #	P34913; Q16764; Q9HBJ1; Q9HBJ2; B2Z3B1; B3KTU8; B3KUA0; G3V134; J3KPH7
Molecular Weight	55,626 Da
NCBI Official Full Name	bifunctional epoxide hydrolase 2 isoform a
NCBI Official Synonym Full Names	epoxide hydrolase 2, cytoplasmic
NCBI Official Symbol	EPHX2
NCBI Official Synonym Symbols	CEH; SEH
NCBI Protein Information	bifunctional epoxide hydrolase 2
UniProt Protein Name	Bifunctional epoxide hydrolase 2
UniProt Gene Name	EPHX2
UniProt Synonym Gene Names	CEH; SEH
UniProt Entry Name	HYES_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/ephx2-antibody-clone-2g2-western-blot-immunofluorescence-flow-cytometry-elisa/106361>