Mouse HIBCH Monoclonal Antibody | anti-HIBCH antibody

HIBCH antibody

CATALOG #	HOST	APPLICATIONS
AAA74901	**Mouse**	**Immunohistochemistry, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

HIBCH; Monoclonal Antibody; HIBCH antibody; Monoclonal HIBCH; Anti-HIBCH; 3 hydroxyisobutyryl CoA hydrolase; HIBYL CoA H; HIBYLCOAH; anti-HIBCH antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	3H5
Purity/Purification	HIBCH 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	386
Applicable Applications for anti-HIBCH antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Biological Significance	HIBCH is an enzyme responsible for hydrolysis of both HIBYL-CoA and beta-hydroxypropionyl-CoA. Mutations in this gene have been associated with 3-hyroxyisobutyryl-CoA hydrolase deficiency.
Cross-Reactivity	Human, Dog
Immunogen	HIBCH antibody was raised in mouse using a full length recombinant protein of human HIBCH (NP_055177) 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 (Immunohiostchemistry)
Immunohistochemical analysis of HIBCH protein in paraffin embedded Human Kidney tissue using HIBCH antibody

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

ADDITIONAL INFORMATION

Related Product Information for anti-HIBCH antibody	Mouse monoclonal HIBCH antibody

Product Categories/Family for anti-HIBCH antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	37594471
NCBI GeneID	26275
NCBI Accession #	NP_055177
NCBI GenBank Nucleotide #	NM_014362.3
UniProt Accession #	Q6NVY1; Q53GA8; Q53GF2; Q53RF7; Q53TC6; Q92931; Q9BS94; D3DPI4
Molecular Weight	38,012 Da
NCBI Official Full Name	3-hydroxyisobutyryl-CoA hydrolase, mitochondrial isoform 1
NCBI Official Synonym Full Names	3-hydroxyisobutyryl-CoA hydrolase
NCBI Official Symbol	HIBCH
NCBI Official Synonym Symbols	HIBYLCOAH
NCBI Protein Information	3-hydroxyisobutyryl-CoA hydrolase, mitochondrial
UniProt Protein Name	3-hydroxyisobutyryl-CoA hydrolase, mitochondrial
UniProt Gene Name	**HIBCH**
UniProt Synonym Gene Names	HIB-CoA hydrolase; HIBYL-CoA-H
UniProt Entry Name	HIBCH_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/hibch-antibody-clone-3h5-immunohistochemistry-flow-cytometry-elisa/74901