Mouse HSD17B10 Monoclonal Antibody | anti-HSD17B10 antibody

HSD17B10 antibody

CATALOG #	HOST	APPLICATIONS
AAA74709	**Mouse**	**Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

HSD17B10; Monoclonal Antibody; HSD17B10 antibody; Monoclonal HSD17B10; Anti-HSD17B10; Hydroxysteroid 17-beta dehydrogenase 10; ERAB; MRPP2; HADH2; ABAD; HSDB10 17; HSDB10-17; anti-HSD17B10 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	10B4
Purity/Purification	HSD17B10 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	261
Applicable Applications for anti-HSD17B10 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	HSD17B10 is a 3-hydroxyacyl-CoA dehydrogenase type II, a member of the short-chain dehydrogenase/reductase superfamily. The gene product is a mitochondrial protein that catalyzes the oxidation of a wide variety of fattyacids, alcohols, and steroids. The protein has been implicated in the development of Alzheimer's disease, and mutations in the gene are the cause of 2-methyl-3-hydroxybutyryl-CoA dehydrogenase deficiency (MHBD).
Cross-Reactivity	Human
Immunogen	HSD17B10 antibody was raised in mouse using a full length recombinant protein of human HSD17B10 (NP_004484) 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 HSD17B10 protein using HSD17B10 antibody

IHC (Immunohiostchemistry)
Immunohistochemical analysis of HSD17B10 protein in paraffin embedded Human kidney tissue using HSD17B10 antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant HSD17B10 protein (Right) or empty vector (Left) detected with HSD17B10 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-HSD17B10 antibody	Mouse monoclonal HSD17B10 antibody
Product Categories/Family for anti-HSD17B10 antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758504
NCBI GeneID	3028
NCBI Accession #	NP_004484
NCBI GenBank Nucleotide #	NM_004493.2
UniProt Accession #	Q99714; Q5H927; Q6IBS9; Q8TCV9; Q96HD5
Molecular Weight	25,984 Da
NCBI Official Full Name	3-hydroxyacyl-CoA dehydrogenase type-2 isoform 1
NCBI Official Synonym Full Names	hydroxysteroid (17-beta) dehydrogenase 10
NCBI Official Symbol	HSD17B10
NCBI Official Synonym Symbols	ABAD; CAMR; ERAB; HCD2; MHBD; HADH2; MRPP2; MRX17; MRX31; SCHAD; MRXS10; SDR5C1; 17b-HSD10; DUPXp11.22
NCBI Protein Information	3-hydroxyacyl-CoA dehydrogenase type-2
UniProt Protein Name	3-hydroxyacyl-CoA dehydrogenase type-2
UniProt Gene Name	**HSD17B10**
UniProt Synonym Gene Names	ERAB; HADH2; MRPP2; SCHAD; SDR5C1; XH98G2; 17-beta-HSD 10; Mitochondrial RNase P protein 2
UniProt Entry Name	HCD2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/hsd17b10-antibody-clone-10b4-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/74709