Mouse ADH1B Monoclonal Antibody | anti-ADH1B antibody

ADH1B antibody

CATALOG #	HOST	APPLICATIONS
AAA74751	**Mouse**	**Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

ADH1B; Monoclonal Antibody; ADH1B antibody; Monoclonal ADH1B; Anti-ADH1B; Alcohol Dehydrogenase Ib; ADH2; DKFZp686C06125; Alcohol Dehydrogenase Class I beta polypeptide; ADHB 1; ADHB-1; anti-ADH1B antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1H7
Purity/Purification	ADH1B 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	375
Applicable Applications for anti-ADH1B antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	ADH1B is a member of the alcohol dehydrogenase family. Members of this enzyme family metabolize a wide variety of substrates, including ethanol, retinol, other aliphatic alcohols, hydroxysteroids, and lipid peroxidation products. This protein, consisting of several homo- and heterodimers of alpha, beta, and gamma subunits, exhibits high activity for ethanol oxidation and plays a major role in ethanol catabolism.
Cross-Reactivity	Human
Immunogen	ADH1B antibody was raised in mouse using a full length recombinant protein of human ADH1B (NP_000659) 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 ADH1B protein using ADH1B antibody

IHC (Immunohiostchemistry)
Immunohistochemical analysis of ADH1B protein in paraffin embedded Human liver tissue using ADH1B antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant ADH1B protein (Right) or empty vector (Left) detected with ADH1B antibody

ADDITIONAL INFORMATION

Related Product Information for anti-ADH1B antibody	Mouse monoclonal ADH1B antibody
Product Categories/Family for anti-ADH1B antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	34577061
NCBI GeneID	125
NCBI Accession #	NP_000659
NCBI GenBank Nucleotide #	NM_000668.4
UniProt Accession #	P00325; Q13711; Q4ZGI9; Q96KI7; A8MYN5; B4DRS9; B4DVC3
Molecular Weight	35,412 Da
NCBI Official Full Name	alcohol dehydrogenase 1B isoform 1
NCBI Official Synonym Full Names	alcohol dehydrogenase 1B (class I), beta polypeptide
NCBI Official Symbol	ADH1B
NCBI Official Synonym Symbols	ADH2; HEL-S-117
NCBI Protein Information	alcohol dehydrogenase 1B
UniProt Protein Name	Alcohol dehydrogenase 1B
UniProt Gene Name	**ADH1B**
UniProt Synonym Gene Names	ADH2
UniProt Entry Name	ADH1B_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/adh1b-antibody-clone-1h7-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/74751