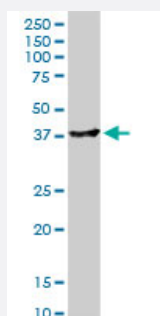


ADH4 monoclonal antibody (M03A), clone 1D2

Catalog # H00000127-M03A

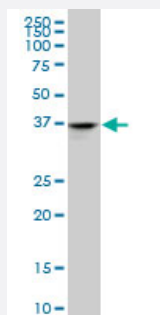
Size 200 uL

Applications



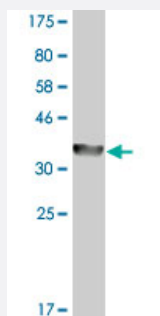
Western Blot (Tissue lysate)

ADH4 monoclonal antibody (M03A), clone 1D2. Western Blot analysis of ADH4 expression in human liver.



Western Blot (Cell lysate)

ADH4 monoclonal antibody (M03A), clone 1D2. Western Blot analysis of ADH4 expression in HeLa S3 NE (Cat # L013V3).



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant ADH4.

Immunogen	ADH4 (NP_000661, 52 a.a. ~ 150 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SVIDSKFEGLAFPVIVGHEAAGIVESIGPGVTNVKPGDKVIPLYAPLCRKCKFCLSPLTNLCGKISNLKSPASDQQLMEDKTSRFTCKGKPVYHFFGTS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (73); Rat (74)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

ADH4 monoclonal antibody (M03A), clone 1D2. Western Blot analysis of ADH4 expression in human liver.

[Protocol Download](#)

- Western Blot (Cell lysate)

ADH4 monoclonal antibody (M03A), clone 1D2. Western Blot analysis of ADH4 expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — ADH4

Entrez GeneID [127](#)

GeneBank Accession#	NM_000670
Protein Accession#	NP_000661
Gene Name	ADH4
Gene Alias	ADH-2
Gene Description	alcohol dehydrogenase 4 (class II), pi polypeptide
Omim ID	103740
Gene Ontology	Hyperlink
Gene Summary	This gene encodes class II alcohol dehydrogenase 4 pi subunit, which 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. Class II alcohol dehydrogenase is a homodimer composed of 2 pi subunits. It exhibits a high activity for oxidation of long-chain aliphatic alcohols and aromatic alcohols and is less sensitive to pyrazole. This gene is localized to chromosome 4 in the cluster of alcohol dehydrogenase genes. [provided by RefSeq]
Other Designations	aldehyde reductase[class II alcohol dehydrogenase 4, pi subunit]

Pathway

- [1- and 2-Methylnaphthalene degradation](#)
- [3-Chloroacrylic acid degradation](#)
- [Drug metabolism - cytochrome P450](#)
- [Fatty acid metabolism](#)
- [Glycolysis / Gluconeogenesis](#)
- [Metabolic pathways](#)
- [Metabolism of xenobiotics by cytochrome P450](#)
- [Retinol metabolism](#)
- [Tyrosine metabolism](#)

Disease

- [Adenocarcinoma](#)

- [Alcohol-Induced Disorders](#)
- [Alcoholism](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Cluster Headache](#)
- [Disease Models](#)
- [Diseases in Twins](#)
- [Esophageal Neoplasms](#)
- [Extraversion \(Psychology\)](#)
- [Flushing](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hearing Loss](#)
- [Kidney Failure](#)
- [Parkinson disease](#)
- [Personality Inventory](#)
- [Substance-Related Disorders](#)