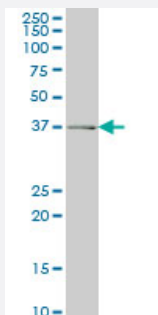


ADH6 monoclonal antibody (M01), clone 4G4

Catalog # H00000130-M01

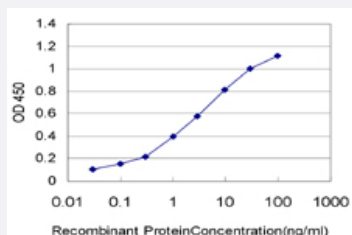
Size 100 ug

Applications



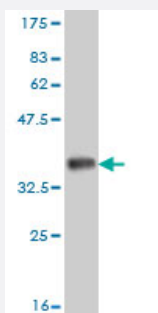
Western Blot (Cell lysate)

ADH6 monoclonal antibody (M01), clone 4G4 Western Blot analysis of ADH6 expression in K-562 (Cat # L009V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ADH6 is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (35.64 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant ADH6.

Immunogen	ADH6 (NP_000663, 55 a.a. ~ 144 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	GSKHLDLLYPTILGHEGAGIVESIGEGVSTVKPGDKVITLFLPQCGETSCLNSEGNFCIQFKQSKT QLMSDGTSRFTCKGKSIYHFGNT
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Rat (59)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.64 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

ADH6 monoclonal antibody (M01), clone 4G4 Western Blot analysis of ADH6 expression in K-562 (Cat # L009V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ADH6 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ADH6

Entrez GeneID [130](#)

GeneBank Accession#	NM_000672
Protein Accession#	NP_000663
Gene Name	ADH6
Gene Alias	ADH-5
Gene Description	alcohol dehydrogenase 6 (class V)
Omim ID	103735
Gene Ontology	Hyperlink
Gene Summary	<p>This gene encodes class V alcohol dehydrogenase, which is a member of the alcohol dehydrogenase family. Members of this family metabolize a wide variety of substrates, including ethanol, retinol, other aliphatic alcohols, hydroxysteroids, and lipid peroxidation products. This gene is expressed in the stomach as well as in the liver, and it contains a glucocorticoid response element upstream of its 5' UTR, which is a steroid hormone receptor binding site. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]</p>
Other Designations	OTTHUMP00000161649 aldehyde reductase class V alcohol dehydrogenase 6

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

- [Alcoholism](#)

- [Disease Models](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Substance-Related Disorders](#)