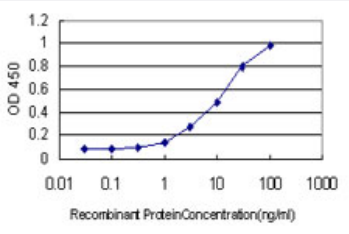
ALDH3B2 monoclonal antibody (M01), clone 3E6

Catalog # H00000222-M01 Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ALDH3B2 is approximately 0.3ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant ALDH3B2.
Immunogen	ALDH3B2 (AAH07685, 1 a.a. ~ 385 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MKDEPRSTNLFMKLDSVFIWKEPFGLVLIIAPWNYPLNLTLVLLVGALAAGSCVVLKPSEISQGTEK VLAEVLPQYLDQSCFAVVLGGPQETGQLLEHKLDYIFFTGSPRVGKIVMTAATKHLTPVTLELGGK NPCYVDDNCDPQTVANRVAWFCYFNAGQTCVAPDYVLCSPEMQERLLPALQSTITRFYGDDPQ SSPNLGRIINQKQFQRLRALLGCGRVAIGGQSNESDRYIAPTVLVDVQETEPVMQEEIFGPILPIVNV QSVDEAIKFINWQEKPLALYAFSNSSQVVNQMLERTSSGSFGGNEGFTYISLLSVPFGGVGHSGM GRYHGKFTFDTFSHHRTCLLAPSGLEKLKEIHYPPYTDWNQQLLRWGMGSQSCTLL
Host	Mouse
Reactivity	Human
Isotype	IgG1 kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

  Detection limit for recombinant GST tagged ALDH3B2 is approximately 0.3ng/ml as a capture antibody.

  Protocol Download

- ELISA

Gene Info — ALDH3B2

Entrez GeneID	222
GeneBank Accession#	BC007685
Protein Accession#	AAH07685
Gene Name	ALDH3B2
Gene Alias	ALDH8
Gene Description	aldehyde dehydrogenase 3 family, member B2
Omim ID	601917
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the aldehyde dehydrogenase family, a group of isozymes that m ay play a major role in the detoxification of aldehydes generated by alcohol metabolism and lipid peroxidation. The gene of this particular family member is over 10 kb in length. The expression of these transcripts is restricted to the salivary gland among the human tissues examined. Alternate t ranscriptional splice variants have been characterized. [provided by RefSeq
Other Designations	acetaldehyde dehydrogenase 8|aldehyde dehydrogenase 3B2|aldehyde dehydrogenase 8

Publication Reference

- EXTRACELLULAR AND MEMBRANE-ASSOCIATED PROSTATE CANCER MARKERS.

  George G. Klee, George Vasmatzis, Farhad Kosari, Eric W. Klee

  United States Patent Application Publication 2010 Feb; [Epub].

  Application: Array, Mammal, Prostate cancer

Pathway

- Drug metabolism - cytochrome P450
- Glycolysis / Gluconeogenesis
- Histidine metabolism
- Metabolic pathways
- Metabolism of xenobiotics by cytochrome P450
- Phenylalanine metabolism
- Tyrosine metabolism