



# Anti-ALDH1B1 monoclonal antibody (DCABH-10487)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	This protein belongs to the aldehyde dehydrogenases family of proteins. Aldehyde dehydrogenase is the second enzyme of the major oxidative pathway of alcohol metabolism. This gene does not contain introns in the coding sequence. The variation of this locus may affect the development of alcohol-related problems.
<b>Immunogen</b>	A synthetic peptide of human ALDH1B1 is used for rabbit immunization.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Western Blot (Transfected lysate); ELISA
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">ALDH1B1 aldehyde dehydrogenase 1 family, member B1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	ALDH1B1

<b>Synonyms</b>	ALDH1B1; aldehyde dehydrogenase 1 family, member B1; ALDH5; aldehyde dehydrogenase X, mitochondrial; ALDHX; ALDH class 2; aldehyde dehydrogenase 5; acetaldehyde dehydrogenase 5; MGC2230;
<b>Entrez Gene ID</b>	<a href="#">219</a>
<b>Protein Refseq</b>	<a href="#">NP_000683</a>
<b>UniProt ID</b>	<a href="#">P30837</a>
<b>Chromosome Location</b>	9p13
<b>Pathway</b>	Arginine and proline metabolism, organism-specific biosystem; Arginine and proline metabolism, conserved biosystem; Ascorbate and aldarate metabolism, organism-specific biosystem; Ascorbate and aldarate metabolism, conserved biosystem; Fatty acid metabolism, organism-specific biosystem; Fatty acid metabolism, conserved biosystem; GABA biosynthesis, eukaryotes, putrescine =>
<b>Function</b>	aldehyde dehydrogenase (NAD) activity; oxidoreductase activity;