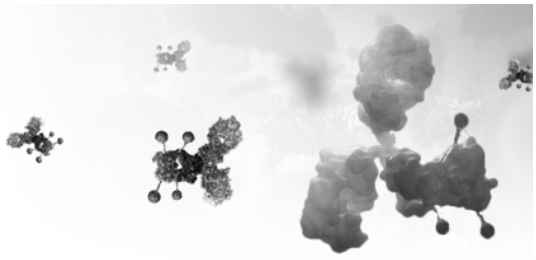

Mouse anti-Human ALDH1B1 monoclonal antibody, clone 3D8 (CABT-B9746)

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

PRODUCT INFORMATION

Immunogen	ALDH1B1 (AAH01619, 1 a.a. ~ 518 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	3D8
Conjugate	Unconjugated
Applications	ELISA
Sequence Similarities	MLRFLAPRLLSLQGRTARYSSAAALPSPILNPDIPYNQLFINNEWQDAVSKKTFPTVNPT TGEVIGHVAEGDRADVDRAVKAAREAFRLGSPWRRMDASERGRLLNLLADLVERDRVYLA SLETLDNGKPFQESYALDLDEVIKVYRYFAGWADKWHGKTIPMDGQHFCFTRHEPVGVCG QIIPWNFPLVMQGWKLAPALATGNTVVMKVAEQTPLSALYLASLIKEAGFPPGVVNIITG YGPTAGAAIAQHMDV
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Introduction	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. [provided by RefSeq, Jul 2008]
Keywords	ALDH1B1; aldehyde dehydrogenase 1 family, member B1; ALDH5; ALDHX; aldehyde dehydrogenase X, mitochondrial; ALDH class 2; aldehyde dehydrogenase 5; acetaldehyde dehydrogenase 5;

GENE INFORMATION

Entrez Gene ID	219
UniProt ID	P30837
Pathway	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
Function	aldehyde dehydrogenase (NAD) activity; oxidoreductase activity

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