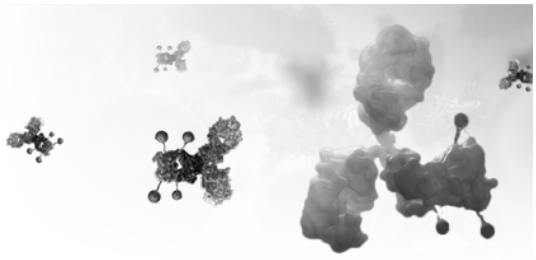

Mouse anti-Human ALDH3B1 monoclonal antibody, clone 2G3 (CABT-B9747)

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

PRODUCT INFORMATION

Immunogen	ALDH3B1 (AAH13584, 1 a.a. ~ 469 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	2G3
Conjugate	Unconjugated
Applications	IP,sELISA,ELISA
Sequence Similarities	MDPLGDTLRRLREAFHAGRTRPAEFRAAQLQGLGRFLQENKQLLHDALAQDLHKSAFESE VSEVAISQGEVTLALRNLRAWMKDERVPKNLATQLDSAFIRKEPFGLVLIIAPWNYPLNL TLVPLVGALAAGNCVVLKPSEISKNVEKILAEVLPQYVDQSCFAVVLGGPQETGQLLEHR FDYIFFTGSPRVGKIVMTAAAKHLTPVTLELGGKNPCYVDDNCDPQTVANRVAWFRYFNA GQTCVAPDYVLCSPE
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 gene encodes a member of the aldehyde dehydrogenase protein family. Aldehyde dehydrogenases are a family of isozymes that may play a major role in the detoxification of aldehydes generated by alcohol metabolism and lipid peroxidation. The encoded protein is able to oxidize long-chain fatty aldehydes in vitro, and may play a role in protection from oxidative stress. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2014]
Keywords	ALDH3B1; aldehyde dehydrogenase 3 family, member B1; ALDH4; ALDH7; aldehyde dehydrogenase family 3 member B1; aldehyde dehydrogenase 7; aldehyde dehydrogenase 3B1;

GENE INFORMATION

Entrez Gene ID	221
UniProt ID	P43353
Pathway	Drug metabolism - cytochrome P450, organism-specific biosystem; Drug metabolism - cytochrome P450, conserved biosystem; Glycolysis / Gluconeogenesis, organism-specific biosystem; Glycolysis / Gluconeogenesis, conserved biosystem; Histidine metabolism, organism-specific biosystem; Histidine metabolism, conserved biosystem
Function	3-chloroallyl aldehyde dehydrogenase activity; aldehyde dehydrogenase [NAD(P)+] activity; oxidoreductase activity

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