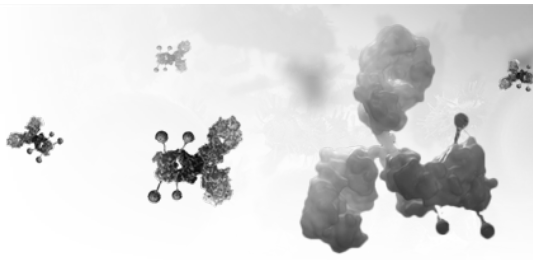

Mouse anti-Human ALDH3B2 monoclonal antibody, clone 4F7 (CABT-B9748)

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

PRODUCT INFORMATION

Immunogen	ALDH3B2 (AAH07685, 1 a.a. ~ 386 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	4F7
Conjugate	Unconjugated
Applications	sELISA,ELISA
Sequence Similarities	MKDEPRSTNLFMKLDSVFIWKEPFGLVLIIAPWNYPLNLTLVLLVGALAAGSCVVLKPSE ISQGTEKVLAEVLPQYLDQSCFAVVLGGPQETGQLLEHKLDYIFFTGSPRVGKIVMTAAT KHLTPVTLELGGKNPCYVDDNCDPQTVANRVAWFCYFNAGQTCVAPDYVLCSPEMQERLL PALQSTITRFYGDDPQSSPNLGRIINQKQFQRLRALLGCGRVAIGGQSNESDRYIAPTVL VDVQETEPVMQEEIF
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 family, a group of isozymes that may 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 transcriptional splice variants have been characterized. [provided by RefSeq, Jul 2008]
Keywords	ALDH3B2; aldehyde dehydrogenase 3 family, member B2; ALDH8; aldehyde dehydrogenase family 3 member B2; aldehyde dehydrogenase 8; acetaldehyde dehydrogenase 8;

GENE INFORMATION

Entrez Gene ID	222
UniProt ID	P48448
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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