

Datasheet

ALDH1B1 monoclonal antibody (M02), clone 2C7

Catalog Number: H00000219-M02

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full-length recombinant ALDH1B1.

Clone Name: 2C7

Immunogen: ALDH1B1 (AAH01619, 1 a.a. ~ 517 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MLRFLAPRLLSLQGRTARYSSAAALPSPILNPDIPYNQL
FINNEWQDAVSKKTFPTVNPPTTGEVIGHVAEGDRADV
DRAVKAAREAFRLGSPWRRMDASERGRLLNLLADLV
ERDRVYLASLETLDNGKPFQESYALDLDEVIKVYRYFA
GWADKWHGKTIPMDGQHFCFTRHEPVGVCQQIIPWN
FPLVMQGWKLAPALATGNTVVMKVAEQTPLSALYLAS
LIKEAGFPVGNIIITGYGPTAGAAIAQHMDVDKVAFT
GSTEVGHLIQAAGDSNLKRVTLLELGGKSPSIVLADAD
MEHAVEQCHEALFFNMGQCCAGSRTFVEESIYNEFL
ERTVEKAKQRKVGPNPFELDTQQGPQVDKEQFERVLG
YIQLGQKEGAKLLCGGERFGERGFFIKPTVFGGVQDD
MRIAKEEIFGPVQPLFKFKKIEEVVERANNTYGLAAAV
FTRDLKAMYFTQALQAGTVVWNTYNIVTCHTPFGGF
KESGNGRELGEDGLKAYTEVKTVTIKVPQKNS

Host: Mouse

Reactivity: Human

Applications: ELISA

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.2

Storage Instruction: Store at -20°C or lower. Aliquot to

avoid repeated freezing and thawing.

Entrez GeneID: 219

Gene Symbol: ALDH1B1

Gene Alias: ALDH5, ALDHX, MGC2230

Gene Summary: 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]