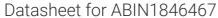
antibodies -online.com







anti-ALDH2 antibody (AA 317-517)

Images



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Quantity:	100 μL
Target:	ALDH2
Binding Specificity:	AA 317-517
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ALDH2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS), Immunofluorescence (fixed cells) (IF/ICC)

Product Details

Immunogen:	Purified recombinant fragment of human ALDH2 (AA: 317-517) expressed in E. coli.
Isotype:	lgG1
Purification:	Purified antibody

Target Details

Target:	ALDH2
Alternative Name:	ALDH2 (ALDH2 Products)
Background:	This protein belongs to the aldehyde dehydrogenase family of proteins. Aldehyde dehydrogenase is the second enzyme of the major oxidative pathway of alcohol
	metabolism.Two major liver isoforms of aldehyde dehydrogenase, cytosolic and mitochondrial,

can be distinguished by their electrophoretic mobilities, kinetic properties, and subcellular localizations. Most Caucasians have two major isozymes, while approximately 50% of Orientals have the cytosolic isozyme but not the mitochondrial isozyme. A remarkably higher frequency of acute alcohol intoxication among Orientals than among Caucasians could be related to the absence of a catalytically active form of the mitochondrial isozyme. The increased exposure to acetaldehyde in individuals with the catalytically inactive form may also confer greater susceptibility to many types of cancer. This gene encodes a mitochondrial isoform, which has a low Km for acetaldehydes, and is localized in mitochondrial matrix. Alternative splicing results in multiple transcript variants encoding distinct isoforms.

Molecular Weight:

56.3 kDa

Gene ID:

217

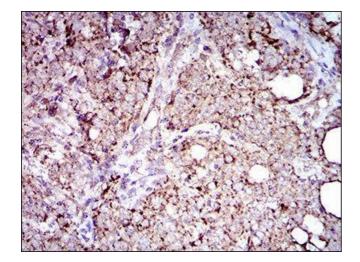
Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

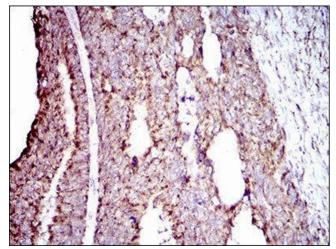
Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 0.5 % protein stabilizer.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.



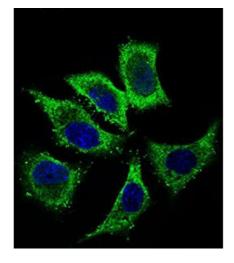
Immunohistochemistry

Image 1.



Immunohistochemistry

Image 2.



Immunocytochemistry

Image 3.

Please check the product details page for more images. Overall 13 images are available for ABIN1846467.