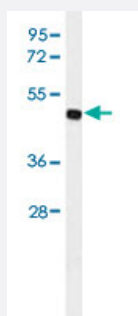


ALDH3A2 monoclonal antibody, clone 151CT1.3.1

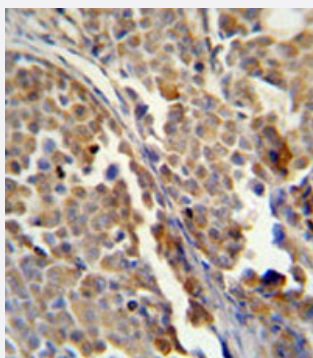
Catalog # MAB12297 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HepG2 cell line lysates reacted with ALDH3A2 monoclonal antibody (Cat # MAB12297) at 1:2000 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of formalin-fixed and paraffin-embedded human skin carcinoma reacted with ALDH3A2 monoclonal antibody (Cat # MAB12297) at 1:50-1:100 dilution.

Specification

Product Description	Mouse monoclonal antibody raised against human ALDH3A2.
Immunogen	Recombinant protein corresponding to human ALDH3A2.
Host	Mouse
Reactivity	Human
Form	Liquid
Isotype	IgG1, kappa

Recommend Usage	Immunohistochemistry (1:50-1:100) Western Blot (1:200-1:10000) The optimal working dilution should be determined by the end user.
Storage Buffer	In ascites (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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Gene Info — ALDH3A2

Entrez GeneID	224
Gene Name	ALDH3A2
Gene Alias	ALDH10, DKFZp686E23276, FALDH, FLJ20851, SLS
Gene Description	aldehyde dehydrogenase 3 family, member A2
Omim ID	270200 609523
Gene Ontology	Hyperlink
Gene Summary	Aldehyde dehydrogenase isozymes are thought to play a major role in the detoxification of aldehydes generated by alcohol metabolism and lipid peroxidation. This gene product catalyzes the oxidation of long-chain aliphatic aldehydes to fatty acid. Mutations in the gene cause Sjogren-Larsson syndrome. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000065801 aldehyde dehydrogenase 10 aldehyde dehydrogenase 3A2 fatty aldehyde dehydrogenase

Pathway

- [3-Chloroacrylic acid degradation](#)
- [Arginine and proline metabolism](#)
- [Ascorbate and aldarate metabolism](#)
- [beta-Alanine metabolism](#)
- [Butanoate metabolism](#)
- [Fatty acid metabolism](#)
- [Glycerolipid metabolism](#)
- [Glycolysis / Gluconeogenesis](#)
- [Histidine metabolism](#)
- [Limonene and pinene degradation](#)
- [Lysine degradation](#)
- [Metabolic pathways](#)
- [Propanoate metabolism](#)
- [Pyruvate metabolism](#)
- [Tryptophan metabolism](#)
- [Valine](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Narcolepsy](#)
- [Tobacco Use Disorder](#)