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ALDH2 Antibody
Purified Mouse Monoclonal Antibody (Mab)
Catalog # AP52793

Specification

ALDH2 Antibody - Product Information

Application	**WB**
Primary Accession	P05091
Reactivity	**Human, Mouse**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG1**
Calculated MW	**56 KDa**

ALDH2 Antibody - Additional Information

Gene ID 217

Other Names
Acetaldehyde dehydrogenase 2;Aldehyde dehydrogenase 2 family (mitochondrial);Aldehyde dehydrogenase 2 family;Aldehyde dehydrogenase mitochondrial;Aldehyde dehydrogenase, mitochondrial;ALDH 2;ALDH class 2;ALDH E2;ALDH-E2;Aldh2;ALDH2_HUMAN;ALDHI;ALDM;Liver mitochondrial ALDH;MGC1806;Mitochondrial aldehyde dehydrogenase 2;MS767;Nucleus encoded mitochondrial aldehyde dehydrogenase 2.

Dilution
WB~~1:1000

Format
Purified mouse monoclonal in PBS(pH 7.4) containing with 0.09% (W/V) sodium azide and 50% glycerol.

Storage
Store at -20 °C.Stable for 12 months from date of receipt

ALDH2 Antibody - Protein Information

Name ALDH2

Synonyms ALDM

Function
Required for clearance of cellular formaldehyde, a cytotoxic and carcinogenic metabolite that induces DNA damage.

Cellular Location
Mitochondrion matrix.

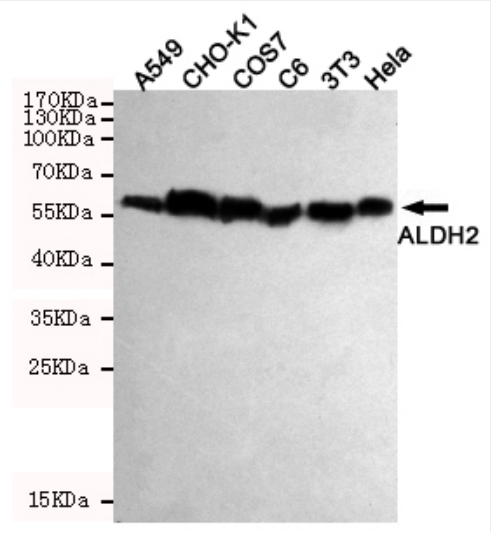
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ALDH2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ALDH2 Antibody - Images



Western blot detection of ALDH2 in Hela,3T3,C6,COS7,CHO-K1 and A549 cell lysates using ALDH2 mouse mAb (1:1000 diluted).Predicted band size:56KDa.Observed band size:56KDa.

ALDH2 Antibody - References

Braun T.,et al.FEBS Lett. 215:233-236(1987).
Braun T.,et al.FEBS Lett. 233:440-440(1988).
Braun T.,et al.Nucleic Acids Res. 15:3179-3179(1987).
Hsu L.C.,et al.Genomics 2:57-65(1988).
Lassen N.,et al.Submitted (MAY-2004) to the EMBL/GenBank/DDBJ databases.