

ALDH1L1 Antibody (clone 3E9)
Mouse Monoclonal Antibody
Catalog # ALS14082**Specification**

ALDH1L1 Antibody (clone 3E9) - Product Information

Application	WB, IF, IHC
Primary Accession	O75891
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Calculated MW	99kDa KDa

ALDH1L1 Antibody (clone 3E9) - Additional Information**Gene ID** 10840**Other Names**

Cytosolic 10-formyltetrahydrofolate dehydrogenase, 10-FTHFDH, FDH, 1.5.1.6, Aldehyde dehydrogenase family 1 member L1, ALDH1L1, FTHFD

Target/Specificity

Human ALDH1L1

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

ALDH1L1 Antibody (clone 3E9) is for research use only and not for use in diagnostic or therapeutic procedures.

ALDH1L1 Antibody (clone 3E9) - Protein Information**Name** ALDH1L1 ([HGNC:3978](#))**Synonyms** FTHFD**Function**

Cytosolic 10-formyltetrahydrofolate dehydrogenase that catalyzes the NADP(+)-dependent conversion of 10-formyltetrahydrofolate to tetrahydrofolate and carbon dioxide (PubMed:19933275, PubMed:21238436). May also have an NADP(+)-dependent aldehyde dehydrogenase activity towards formaldehyde, acetaldehyde, propionaldehyde, and benzaldehyde (By similarity).

Cellular Location

Cytoplasm, cytosol.

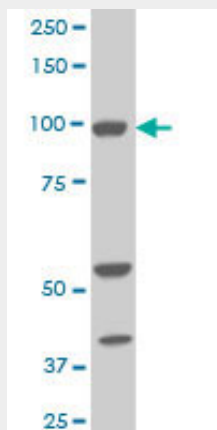
Tissue Location

Highly expressed in liver, pancreas and kidney.

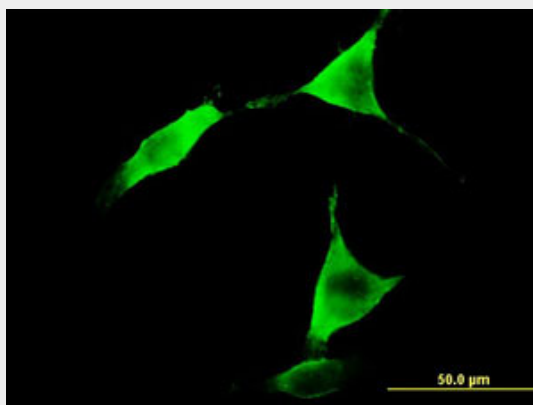
ALDH1L1 Antibody (clone 3E9) - Protocols

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

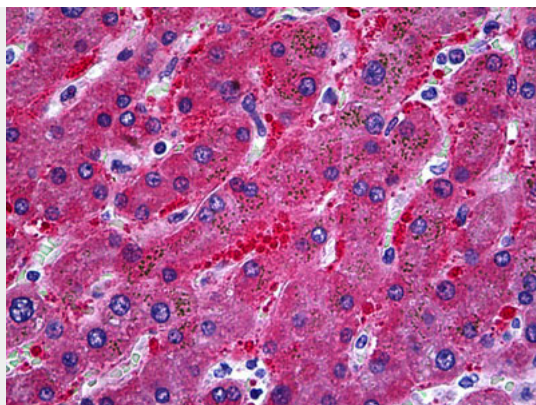
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ALDH1L1 Antibody (clone 3E9) - Images

Western blot of ALDH1L1 expression in NIH/3T3 cells with ALDH1L1 monoclonal antibody, clone 3E9.



Immunofluorescence of monoclonal antibody to ALDH1L1 on NIH/3T3 cell.



Anti-ALDH1L1 antibody IHC of human liver.

ALDH1L1 Antibody (clone 3E9) - References

- Hong M.H.,et al.Submitted (MAR-1998) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Muzny D.M.,et al.Nature 440:1194-1198(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.