

## ALDH1L1 monoclonal antibody

Catalog: MB23309

Host: Mouse

Reactivity: Human, Mouse, Rat

### BackGround:

The protein encoded by this gene catalyzes the conversion of 10-formyltetrahydrofolate, nicotinamide adenine dinucleotide phosphate (NADP<sup>+</sup>), and water to tetrahydrofolate, NADPH, and carbon dioxide. The encoded protein belongs to the aldehyde dehydrogenase family. Loss of function or expression of this gene is associated with decreased apoptosis, increased cell motility, and cancer progression. There is an antisense transcript that overlaps on the opposite strand with this gene locus. Alternative splicing results in multiple transcript variants.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

98.8kDa

### Swiss-Prot:

O75891

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000 FC:1/200 - 1/400

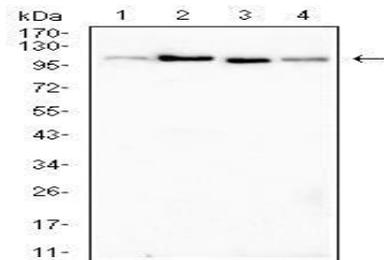
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

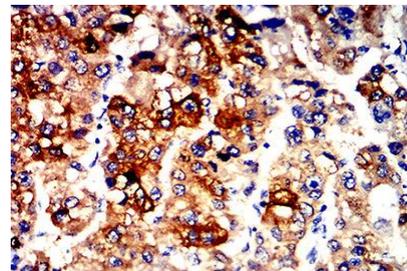
### Isotype:

Mouse IgG1

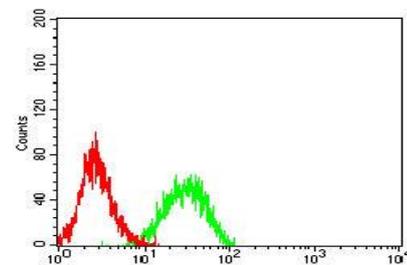
### DATA:



Western blot analysis using ALDH1L1 mouse mAb against Rat kidney (1), Mouse liver (2), Rat liver (3) and Mouse kidney (4) tissue lysate.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissues using ALDH1L1 mouse mAb with DAB staining.



Flow cytometric analysis of Jurkat cells using ALDH1L1 mouse mAb (green) and negative control (red).

### Note:

For research use only, not for use in diagnostic procedure.

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