

Nur für Forschungszwecke

# ALDH1A1 Monoklonaler Antikörper

Katalog-Nr.:65004-1-Ig



## Allgemeine Informationen

Katalog-Nr.:  
65004-1-Ig

Größe:  
150ul , 1333 µg/ml

Wirt:  
Maus

Isotyp:  
IgG1

GenBank-Zugangsnummer:  
BC001505

GeneID (NCBI):  
216

Vollständiger Name:  
aldehyde dehydrogenase 1 family,  
member A1

Berechnete Masse:  
501 aa, 55 kDa

Beobachtete Masse:  
55 kDa

Reinigungsmethode:  
Protein-G-Reinigung

## Anwendungen

Geprüfte Anwendungen:  
ELISA

Getestete Reaktivität:  
Human

## Hintergrundinformationen

ALDH1A1 (Aldehyde dehydrogenase family 1 member A1), also named as ALDC, ALDH1 and PUMB1, belongs to the aldehyde dehydrogenase family. The ALDH1A1 gene encodes a liver cytosolic isoform of acetaldehyde dehydrogenase, an enzyme involved in the major pathway of alcohol metabolism after alcohol dehydrogenase. ALDH1A1 plays a critical role in protection against oxidative stress-induced cytotoxicity in lens epithelial cells (PMID:19296407). And it is important for multiple biological activities including drug resistance, cell differentiation, and oxidative stress response (PMID:19025616). As a novel cancer stem cell marker, ALDH1A1 can be used for tumors whose corresponding normal tissues express ALDH1 in relatively restricted or limited levels such as breast, lung, ovarian or colon cancer (PMID: 20422001).

## Lagerung

Lagerungsbedingungen:

Bei 2-8°C lagern.

Lagerungspuffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

For technical support and original validation data for this product please contact:

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