

À des fins de recherche uniquement

# Anticorps Monoclonal anti-ALDH1A1

Numéro de catalogue: 65004-1-Ig



## Informations de base

Numéro de catalogue:

65004-1-Ig

Taille:

150ul , 1333 µg/ml

Hôte:

Mouse

Isotype:

IgG1

Numéro d'acquisition GenBank:

BC001505

Identification du gène (NCBI):

216

Nom complet:

aldehyde dehydrogenase 1 family,  
member A1

MW calculé

501 aa, 55 kDa

MW observés:

55 kDa

Méthode de purification:

Purification par protéine G

## Applications

Applications testées:

ELISA

Spécificité de l'espèce:

Humain

## Informations générales

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).

## Stockage

Stockage:

Stocker à une température comprise entre 2 °C et 8 °C.

Tampon de stockage:

PBS avec azoture de sodium à 0,1 % et glycérol à 50 % pH 7,3

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

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