

Recombinant

DGRmAb®

**ALDH1A1 (DGR11956) Rabbit mAb (PBS Only)**

db12121-PBS

Package : 100µg

**Product Name** : ALDH1A1 (DGR11956) Rabbit mAb (PBS Only)**Cat.No.:** db12121-PBS**Synonyms** : ALDC; ALDH1; HEL-9; HEL12; PUMB1; ALDH11; RALDH1; ALDH-E1; HEL-S-53e**Application** : WB, IHC-P, ICC/IF, FC, IP**Reactivity** : Human,Mouse**Host species** : Rabbit**Background**

The protein encoded by this gene belongs to the aldehyde dehydrogenase family. Aldehyde dehydrogenase is the next enzyme after alcohol dehydrogenase in the major pathway of alcohol metabolism. There are two major aldehyde dehydrogenase isozymes in the liver, cytosolic and mitochondrial, which are encoded by distinct genes, and can be distinguished by their electrophoretic mobility, kinetic properties, and subcellular localization. This gene encodes the cytosolic isozyme. Studies in mice show that through its role in retinol metabolism, this gene may also be involved in the regulation of the metabolic responses to high-fat diet. [provided by RefSeq, Mar 2011]

**Immunogen**

A synthetic peptide of human ALDH1A1

**Gene ID**

216

**Swiss Prot**

P00352

**Synonyms**

ALDC; ALDH1; HEL-9; HEL12; PUMB1; ALDH11; RALDH1; ALDH-E1; HEL-S-53e

**Reactivity**

Human,Mouse

**Application**

WB, IHC-P, ICC/IF, FC, IP

**Recommended dilution**

WB: 1:1000

IHC-P: 1:50

ICC/IF: 1:100-1:200

FC: 1:20-1:50

IP: 1:20-1:50

**Calculated MW**

55 kDa

**Observed MW**

55 kDa

**Host species**

Rabbit

Clonality	Monoclonal
Clonality No.	DGR11956
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.

