

Recombinant

DGRmAb®

**ALDH1L1 (DGR15185) Rabbit mAb**

db11799

Package : 10µL 20µL 50µL 100µL

**Product Name** : ALDH1L1 (DGR15185) Rabbit mAb**Cat.No.:** db11799**Synonyms** : FDH; FTHFD; 10-fTHF; 10-FTHFDH**Application** : WB, IHC-P**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

The protein encoded by this gene catalyzes the conversion of 10-formyltetrahydrofolate, nicotinamide adenine dinucleotide phosphate (NADP+), 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. [provided by RefSeq, Jun 2012]

**Immunogen**

A synthetic peptide of human ALDH1L1

**Gene ID**

10840

**Swiss Prot**

O75891

**Synonyms**

FDH; FTHFD; 10-fTHF; 10-FTHFDH

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P

**Recommended dilution**

WB: 1:1000-1:5000

IHC-P: 1:50-1:100

**Calculated MW**

99 kDa

**Observed MW**

99 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR15185

**Isotype**

IgG

<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.
	<ul style="list-style-type: none"><li>□ Western blot detection of ALDH1L1 in Rat Brain,3T3 cell lysates using ALDH1L1 antibody(1:1000 diluted).</li><li>□ Western blot analysis of extracts from Mouse brain tissue using db11799 at 1:4000.</li></ul>