

Recombinant

DGRmAb®

Lipoamide Dehydrogenase (DGR11788) Rabbit mAb

db12224

Package : 10µL 20µL 50µL 100µL

Product Name : Lipoamide Dehydrogenase (DGR11788) Rabbit mAb**Cat.No.:** db12224**Synonyms** : E3; LAD; DLDD; DLDH; GCSL; PHE3**Application** : WB, IHC-P, ICC/IF**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

This gene encodes a member of the class-I pyridine nucleotide-disulfide oxidoreductase family. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions. In homodimeric form, the encoded protein functions as a dehydrogenase and is found in several multi-enzyme complexes that regulate energy metabolism. However, as a monomer, this protein can function as a protease. Mutations in this gene have been identified in patients with E3-deficient maple syrup urine disease and lipoamide dehydrogenase deficiency. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]

Immunogen

A synthetic peptide of human Lipoamide Dehydrogenase

Gene ID

1738

Swiss Prot

P09622

Synonyms

E3; LAD; DLDD; DLDH; GCSL; PHE3

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, ICC/IF

Recommended dilution

WB: 1:2000-1:20000

IHC-P: 1:100-1:200

ICC/IF: 1:100-1:200

Calculated MW

54 kDa

Observed MW

54 kDa

Host species

Rabbit

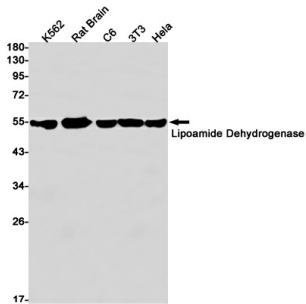
Clonality

Monoclonal

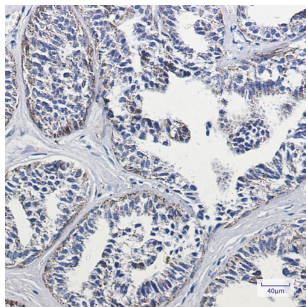
Clonality No.

DGR11788

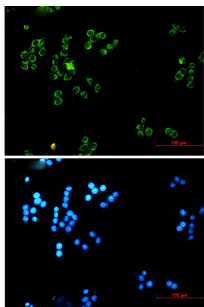
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of Lipoamide Dehydrogenase in K562,Rat Brain,C6,3T3,Hela cell lysates using Lipoamide Dehydrogenase antibody(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue using db12224 antibody.



Immunofluorescent analysis of HeLa cells using db12224 antibody (green), and DAPI (blue).