

Recombinant

DGRmAb®

Lipoamide Dehydrogenase (DGR11788) Rabbit mAb (PBS Only)

db12224-PBS

Package : 100µg

Product Name : Lipoamide Dehydrogenase (DGR11788) Rabbit mAb (PBS Only)**Cat.No.:** db12224-PBS**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

Calculated MW

54 kDa

Observed MW

54 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR11788

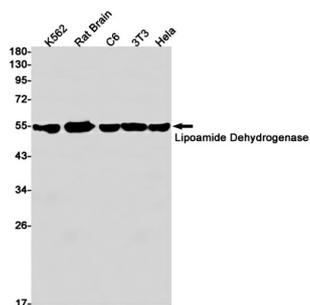
Isotype

IgG

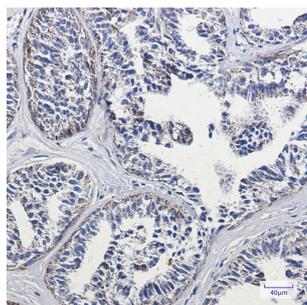
Purity

Affinity Purification

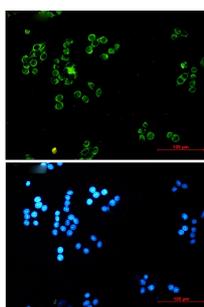
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



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).