

For Research Use Only

DLD Monoclonal antibody, PBS Only

Catalog Number: 67702-1-PBS

Featured Product



Basic Information

Catalog Number:

67702-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG9680

GenBank Accession Number:

BC018696

GeneID (NCBI):

1738

UNIPROT ID:

P09622

Full Name:

dihydrolipoamide dehydrogenase

Calculated MW:

509 aa, 54 kDa

Observed MW:

54 kDa

Purification Method:

Protein G purification

CloneNo.:

2E7G5

Applications

Tested Applications:

WB, Indirect ELISA, IHC

Species Specificity:

Human, mouse, rat

Background Information

DLD (Dihydrolipoamide dehydrogenase, mitochondrial) is also named as GCSL, LAD, PHE3 and belongs to the class-I pyridine nucleotide-disulfide oxidoreductase family. It catalyzes the oxidation of dihydrolipoamide, hE3 uses two molecules: non-covalently bound FAD and a transiently bound substrate, NAD⁺. DLD is involved in the hyperactivation of spermatazoa during capacitation and in the spermatazoal acrosome reaction.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

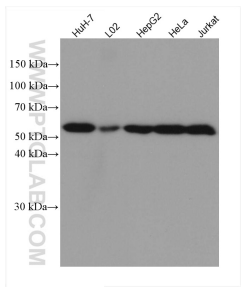
T: 4006900926

E: Proteintech-CN@ptglab.com

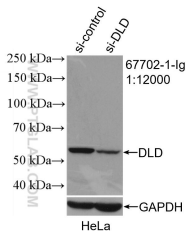
W: ptgcn.com

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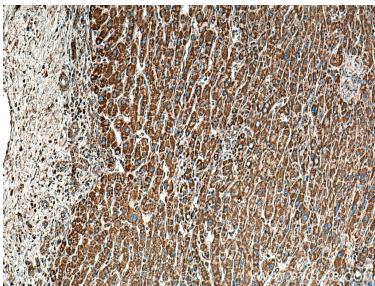
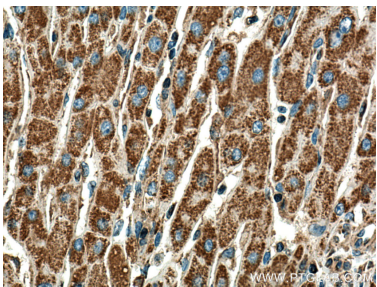
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67702-1-Ig (DLD antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67702-1-PBS in a different storage buffer formulation.



WB result of DLD antibody (67702-1-Ig; 1:12000; incubated at room temperature for 1.5 hours) with sh-Control and sh-DLD transfected HeLa cells. This data was developed using the same antibody clone with 67702-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67702-1-Ig (DLD antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67702-1-PBS in a different storage buffer formulation.