

For Research Use Only

DLD Monoclonal antibody, PBS Only



Catalog Number: 67702-1-PBS

Featured Product

Basic Information

Catalog Number:

67702-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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, IHC, Indirect ELISA

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.

Storage Buffer:

PBS Only

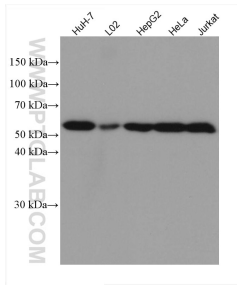
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

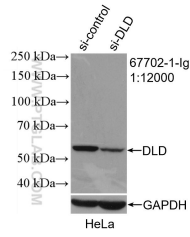
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

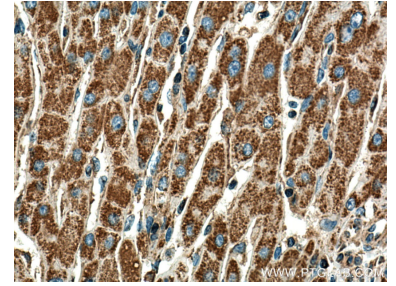
Selected Validation Data



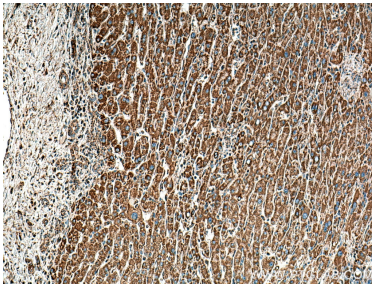
Various lysates were subjected to SDS PAGE followed by western blot with 67702-1-Ig (DLD antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67702-1-PBS in a different storage buffer formulation.



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 40x 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.



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.