

For Research Use Only

PLOD2 Recombinant monoclonal antibody, PBS Only

Catalog Number: 88222-2-PBS



Basic Information

Catalog Number:

88222-2-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG15614

GenBank Accession Number:

BC037169

GeneID (NCBI):

5352

UNIPROT ID:

O00469

Full Name:

procollagen-lysine, 2-oxoglutarate 5-dioxygenase 2

Calculated MW:

758 aa, 85 kDa

Observed MW:

85 kDa

Purification Method:

Protein A purification

CloneNo.:

260421A7

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

PLOD2, also named as LH2, forms hydroxylysine residues in -Xaa-Lys-Gly- sequences in collagens. It is a potential novel prognostic factor for HCC patients following surgery. Among the PLOD genes, PLOD2 contributes to cancer prognosis and angiogenesis. Several authors have reported that PLOD2 expression might provide prognostic information about malignant tumours such as glioblastoma. PLOD2 expression is a useful biomarker for the effects of antiangiogenic treatment for malignancy. (PMID:22098155). It has 2 isoforms produced by alternative splicing and seven glycosylation sites. This antibody is specific to PLOD2.

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, pH7.3

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

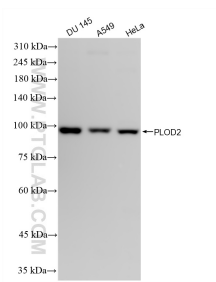
T: 4006900926

E: Proteintech-CN@ptglab.com

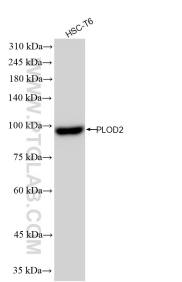
W: ptgcn.com

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

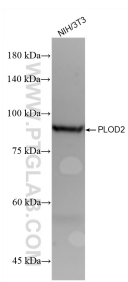
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88222-2-RR (PLOD2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 88222-2-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 88222-2-RR (PLOD2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 88222-2-PBS in a different storage buffer formulation.



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 88222-2-RR (PLOD2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 88222-2-PBS in a different storage buffer formulation.