

For Research Use Only

PLOD2 Recombinant monoclonal antibody

Catalog Number: 88222-2-RR



Basic Information

Catalog Number: 88222-2-RR	GenBank Accession Number: BC037169	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 5352	CloneNo.: 260421A7
Source: Rabbit	UNIPROT ID: O00469	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	Full Name: procollagen-lysine, 2-oxoglutarate 5-dioxygenase 2	
Immunogen Catalog Number: AG15614	Calculated MW: 758 aa, 85 kDa	
	Observed MW: 85 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : DU 145 cells, HSC-T6 cells, NIH/3T3 cells, A549 cells, HeLa cells
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

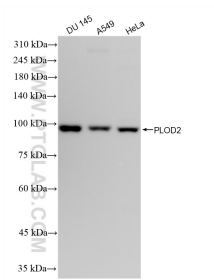
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

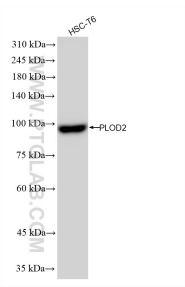
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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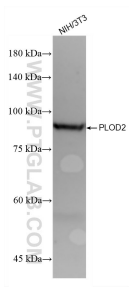
Selected Validation Data



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.



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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.