

For Research Use Only

HPD Monoclonal antibody

Catalog Number: 67552-1-Ig **2 Publications**



Basic Information

Catalog Number: 67552-1-Ig	GenBank Accession Number: BC024287	Purification Method: Protein A purification
Size: 150ul , Concentration: 2000 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 3242	CloneNo.: 3C9G2
Source: Mouse	UNIPROT ID: P32754	Recommended Dilutions: WB 1:2000-1:10000 IHC 1:500-1:2000
Isotype: IgG2a	Full Name: 4-hydroxyphenylpyruvate dioxygenase	
Immunogen Catalog Number: AG10928	Calculated MW: 393 aa, 45 kDa	
	Observed MW: 40-45 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Cited Applications: WB, IHC	WB : HeLa cells, pig liver tissue, rat liver tissue, HepG2 cells, HEK-293 cells, HSC-T6 cells, mouse liver tissue
Species Specificity: Human, Mouse, Rat, Pig	IHC : human liver cancer tissue,
Cited Species: human, zebrafish	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Notable Publications

Author	Pubmed ID	Journal	Application
Yi-Xuan Fu	36054619	Pest Manag Sci	WB
Ruiwang Xie	38702025	Life Sci	IHC

Storage

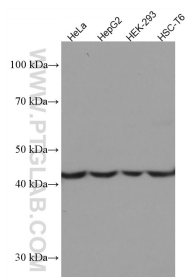
Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

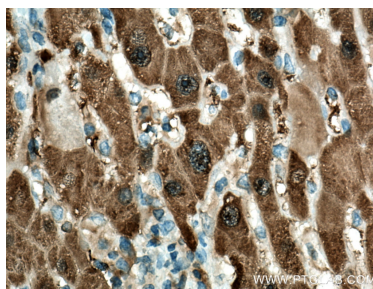
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

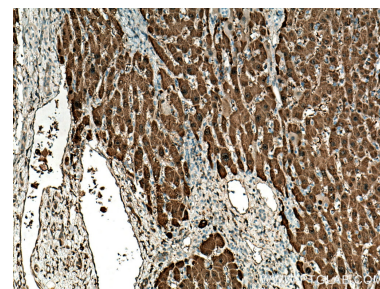
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67552-1-Ig (HPD antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67552-1-Ig (HPD antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67552-1-Ig (HPD antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).