

For Research Use Only

# HPD Monoclonal antibody

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



## Basic Information

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

## Applications

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

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Yi-Xuan Fu	36054619	Pest Manag Sci	WB

## Storage

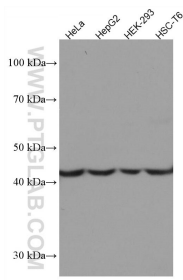
**Storage:**  
Store at -20°C.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

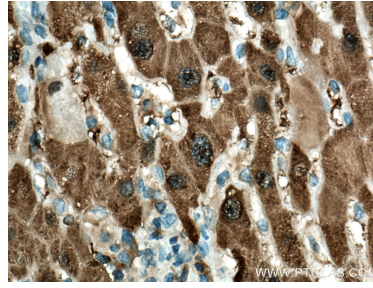
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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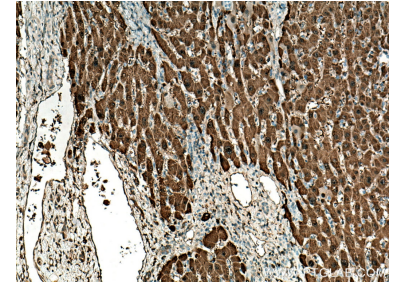
## Selected Validation Data



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).