

For Research Use Only

# HPD Monoclonal antibody

Catalog Number: 67552-1-Ig **2 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> 2000 µg/ml	<b>GeneID (NCBI):</b> 3242	<b>CloneNo.:</b> 3C9G2
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P32754	<b>Recommended Dilutions:</b> WB 1:2000-1:10000 IHC 1:500-1:2000
<b>Isotype:</b> IgG2a	<b>Full Name:</b> 4-hydroxyphenylpyruvate dioxygenase	
<b>Immunogen Catalog Number:</b> AG10928	<b>Calculated MW:</b> 393 aa, 45 kDa	
	<b>Observed MW:</b> 40-45 kDa	

## Applications

### Tested Applications:

IHC, WB, ELISA

### Cited Applications:

WB, IHC

### Species Specificity:

Human, Mouse, Rat, Pig

### 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**

### Positive Controls:

**WB:** HeLa cells, pig liver tissue, rat liver tissue, HepG2 cells, HEK-293 cells, HSC-T6 cells, mouse liver tissue

**IHC:** human liver cancer tissue,

## Background Information

### 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

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

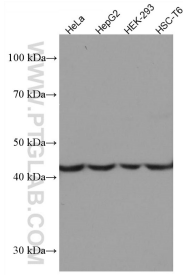
T: 4006900926

E: Proteintech-CN@ptglab.com

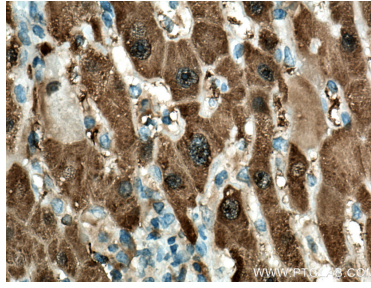
W: ptgcn.com

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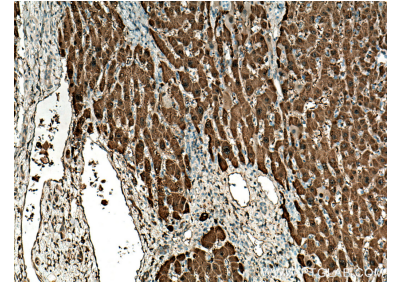
## Selected Validation Data



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).