

For Research Use Only

# Pyruvate Carboxylase Monoclonal antibody



Catalog Number: 66615-1-Ig

Featured Product

2 Publications

## Basic Information

<b>Catalog Number:</b> 66615-1-Ig	<b>GenBank Accession Number:</b> BC011617	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 1300 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 5091	<b>CloneNo.:</b> 4F5D1
<b>Source:</b> Mouse	<b>Full Name:</b> pyruvate carboxylase	<b>Recommended Dilutions:</b> WB 1:2000-1:10000 IHC 1:50-1:500
<b>Isotype:</b> IgG2a	<b>Calculated MW:</b> 1178 aa, 130 kDa	
<b>Immunogen Catalog Number:</b> AG8846	<b>Observed MW:</b> 130 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, HepG2 cells, HSC-T6 cells
<b>Cited Applications:</b> RIP, WB	<b>IHC :</b> mouse brain tissue,
<b>Species Specificity:</b> Human, Rat , mouse	
<b>Cited Species:</b> human	

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Yongmei Liu	34249688	Front Oncol	WB,RIP
Madeleine L Hart	36883551	Elife	WB

## Storage

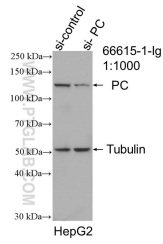
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

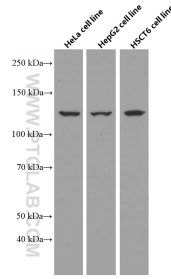
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

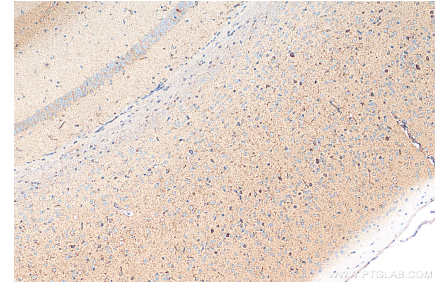
## Selected Validation Data



WB result of Pyruvate Carboxylase antibody (66615-1-Ig; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-Pyruvate Carboxylase transfected HepG2 cells.



Various lysates were subjected to SDS PAGE followed by western blot with 66615-1-Ig (Pyruvate Carboxylase antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66615-1-Ig (Pyruvate Carboxylase antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).