

For Research Use Only

# OIP5 Monoclonal antibody

Catalog Number: 66461-1-Ig

Featured Product

1 Publications



## Basic Information

<b>Catalog Number:</b> 66461-1-Ig	<b>GenBank Accession Number:</b> BC015050	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 2000 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 11339	<b>CloneNo.:</b> 1E9B5
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> O43482	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG2b	<b>Full Name:</b> Opa interacting protein 5	
<b>Immunogen Catalog Number:</b> AG2790	<b>Calculated MW:</b> 229 aa, 25 kDa	
	<b>Observed MW:</b> 25-30 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, Jurkat cells, COLO 320 cells, Raji cells
<b>Cited Applications:</b> WB, IP, CoIP	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human	

## Background Information

OIP5, also named as IS18B and CT86, is required for recruitment of CENPA to centromeres and normal chromosome segregation during mitosis. It is over expressed in the majority of primary lung and esophageal cancers. OIP5 is a promising target for developing new prognostic biomarkers and anti-cancer drugs.

## Notable Publications

Author	Pubmed ID	Journal	Application
Xianteng Wang	39155295	Oncogene	WB,IP,CoIP

## 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

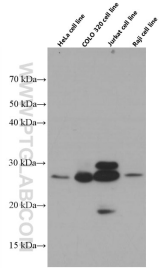
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

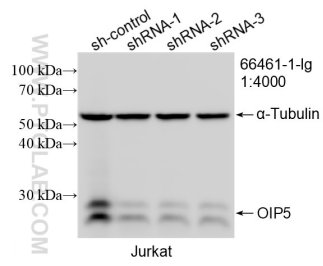
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66461-1-Ig (OIP5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



WB result of OIP5 antibody (66461-1-Ig; 1:400; incubated at room temperature for 1.5 hours) with sh-Control and sh-OIP5 transfected Jurkat cells.