

For Research Use Only

# PHF5A Monoclonal antibody

Catalog Number: 68196-1-Ig



## Basic Information

<b>Catalog Number:</b> 68196-1-Ig	<b>GenBank Accession Number:</b> BC007321	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 84844	<b>CloneNo.:</b> 1G7E2
<b>Source:</b> Mouse	<b>Full Name:</b> PHD finger protein 5A	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 12 kDa	
<b>Immunogen Catalog Number:</b> AG7804	<b>Observed MW:</b> 12 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : LNCaP cells, NIH/3T3 cells, HeLa cells, HepG2 cells, HEK-293 cells, Jurkat cells, K-562 cells
<b>Species Specificity:</b> Human, mouse	

## Background Information

The PHD finger-like domain protein 5a (PHF5A) is ubiquitously expressed and is located in the nucleus. The gene Phf5a and its human counterpart PHF5A (former name Ini) are located on rat chromosome 7 (RNO7q34) and human chromosome 22 (HSA2213q2), respectively. The rat gene consists of four exons, while the human gene have five exons. Both genes encode a highly conserved protein of 110 amino acids that contains a PHD finger domain.(PMID: 23675859) It acts as a transcriptional regulator by binding to the GJA1/Cx43 promoter and enhancing its up-regulation by ESR1/ER-alpha and is involved in pre-mRNA splicing.

## Storage

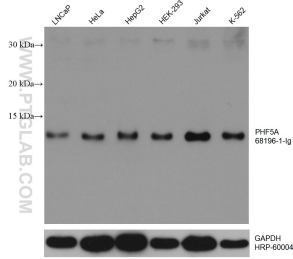
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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 68196-1-Ig (PHF5A antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.