

# PHF5A Monoclonal antibody

Catalog Number: 68196-1-Ig

## Basic Information

**Catalog Number:**

68196-1-Ig

**Size:**

1000 µg/ml

**Source:**

Mouse

**Isotype:**

IgG1

**Immunogen Catalog Number:**

AG7804

**GenBank Accession Number:**

BC007321

**GeneID (NCBI):**

84844

**UNIPROT ID:**

Q7RTV0

**Full Name:**

PHD finger protein 5A

**Calculated MW:**

12 kDa

**Observed MW:**

12 kDa

**Purification Method:**

Protein G purification

**CloneNo.:**

1G7E2

**Recommended Dilutions:**

WB 1:5000-1:50000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

Human, mouse

**Positive Controls:**

WB : LNCaP cells, NIH/3T3 cells, HeLa cells, HepG2 cells, HEK-293 cells, Jurkat cells, K-562 cells

## 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

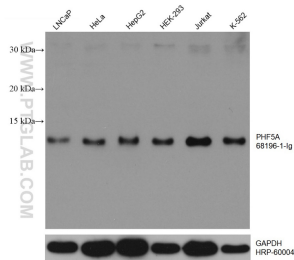
For technical support and original validation data for this product please contact:

T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.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.