

For Research Use Only

PHF5A Monoclonal antibody

Catalog Number: 68196-1-Ig



Basic Information

Catalog Number: 68196-1-Ig	GenBank Accession Number: BC007321	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 84844	CloneNo.: 1G7E2
Source: Mouse	UNIPROT ID: Q7RTV0	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG1	Full Name: PHD finger protein 5A	
Immunogen Catalog Number: AG7804	Calculated MW: 12 kDa	
	Observed MW: 12 kDa	

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:

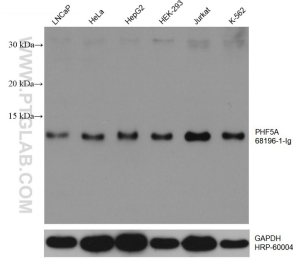
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Selected Validation Data



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.