

For Research Use Only

# HDAC9 Monoclonal antibody, PBS Only



Catalog Number: 67364-1-PBS

## Basic Information

<b>Catalog Number:</b> 67364-1-PBS	<b>GenBank Accession Number:</b> BC152405	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 9734	<b>CloneNo.:</b> 1G6C5
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9UKV0	
<b>Isotype:</b> IgG2a	<b>Full Name:</b> histone deacetylase 9	
<b>Immunogen Catalog Number:</b> AG28514	<b>Calculated MW:</b> 1011 aa, 111 kDa	
	<b>Observed MW:</b> 130 kDa	

## Applications

**Tested Applications:**  
WB, ELISA

**Species Specificity:**  
Human

## Background Information

HDAC9, also named as Histone deacetylase 7B, is a 1011 amino acid protein, which is responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. HDAC9 represses MEF2-dependent transcription. HDAC9 is broadly expressed, with highest levels in brain, heart, muscle and testis.

## Storage

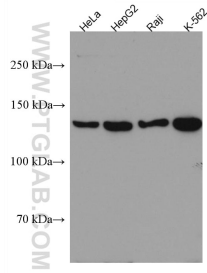
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only

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  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67364-1-Ig (HDAC9 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67364-1-PBS in a different storage buffer formulation.