

For Research Use Only

# ZMYND8 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86901-1-PBS



## Basic Information

<b>Catalog Number:</b> 86901-1-PBS	<b>GenBank Accession Number:</b> BC030721	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 23613	<b>CloneNo.:</b> 251489A6
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9ULU4	
<b>Isotype:</b> IgG	<b>Full Name:</b> zinc finger, MYND-type containing 8	
<b>Immunogen Catalog Number:</b> AG2207	<b>Calculated MW:</b> 1186 aa, 132 kDa	
	<b>Observed MW:</b> 150-170 kDa	

## Applications

**Tested Applications:**  
WB, IF/ICC, Indirect ELISA

**Species Specificity:**  
human

## Background Information

Regulation of neuronal gene expression is essential to nervous system development. REST (RE1-silencing transcription factor) regulates neuronal gene expression by interacting with a group of corepressor proteins, including REST corepressors (RCOR). ZMYND8 binds to RCOR2 and can function as a transcriptional repressor. It is co-expressed with RCOR2 in the nervous system, and overexpression of ZMYND8 inhibits neural differentiation. [PMID:20331974]

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

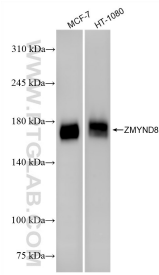
For technical support and original validation data for this product please contact:

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

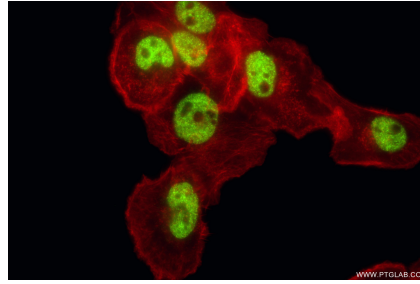
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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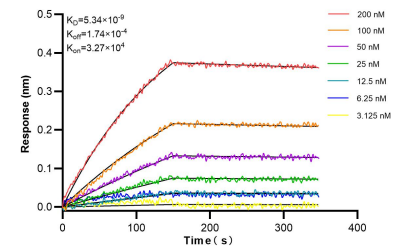
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86901-1-RR (ZMYND8 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86901-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using ZMYND8 antibody (86901-1-RR, Clone: 251489A6) at dilution of 1:500 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 86901-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86901-1-RR against Human ZMYND8 were performed. The affinity constant is 5.34 nM.