

For Research Use Only

# ZMYND8 Recombinant monoclonal antibody

Catalog Number: 86901-1-RR



## Basic Information

<b>Catalog Number:</b> 86901-1-RR	<b>GenBank Accession Number:</b> BC030721	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 23613	<b>CloneNo.:</b> 251489A6
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9ULU4	<b>Recommended Dilutions:</b> WB: 1:2000-1:10000 IF/ICC: 1:250-1:1000
<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

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b> WB : MCF-7 cells, HT-1080 cells
<b>Species Specificity:</b> human	<b>IF/ICC :</b> A431 cells,

## 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 -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

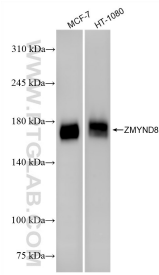
For technical support and original validation data for this product please contact:

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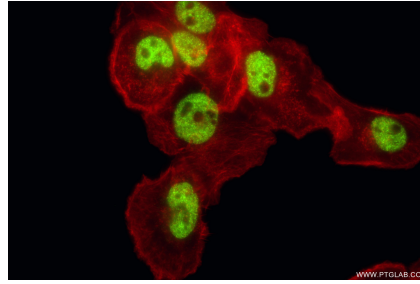
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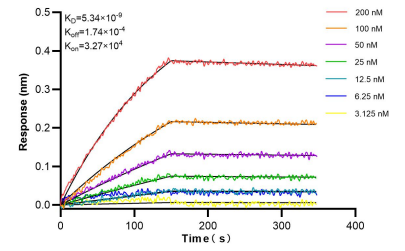
## Selected Validation Data



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.



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).



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