

For Research Use Only

ZMYND8 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86901-1-PBS



Basic Information

Catalog Number: 86901-1-PBS	GenBank Accession Number: BC030721	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 23613	CloneNo.: 251489A6
Isotype: IgG	UNIPROT ID: Q9ULU4	
Immunogen Catalog Number: AG2207	Full Name: zinc finger, MYND-type containing 8	
	Calculated MW: 1186 aa, 132 kDa	
	Observed MW: 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.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

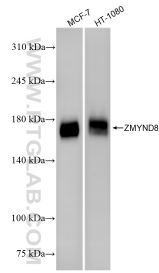
T: 4006900926

E: Proteintech-CN@ptglab.com

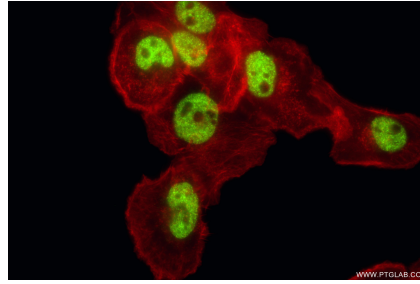
W: ptgcn.com

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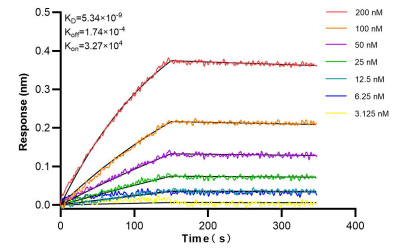
Selected Validation Data



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.



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