

For Research Use Only

MBD3 Recombinant monoclonal antibody

Catalog Number:86681-2-RR



Basic Information

Catalog Number: 86681-2-RR	GenBank Accession Number: BC043619	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 53615	CloneNo.: 250922E11
Isotype: IgG	UNIPROT ID: O95983	Recommended Dilutions: WB: 1:2000-1:10000 IF/ICC: 1:400-1:1600
Immunogen Catalog Number: AG5531	Full Name: methyl-CpG binding domain protein 3	
	Calculated MW: 33 kDa	
	Observed MW: 35 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : HeLa cells, COLO 320 cells, Y79 cells, Jurkat cells, MCF-7 cells
	IF/ICC : HeLa cells,

Background Information

Methyl-CpG-binding domain 3 (Mbd3), a member among the five-MBD protein family, is unique in its ability to specifically recognize 5' -hydroxymethyl-cytosine (5' -hmC), an epigenetic marker that is highly enriched in stem cells and cancer.

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

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

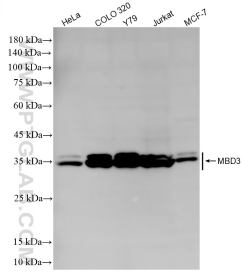
T: 4006900926

E: Proteintech-CN@ptglab.com

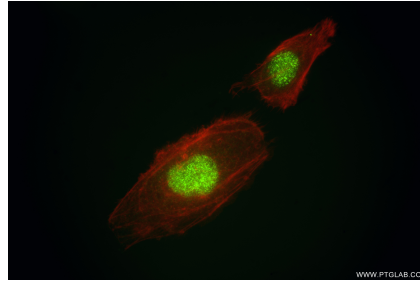
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86681-2-RR (MBD3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using MBD3 antibody (86681-2-RR, Clone: 250922E11) at dilution of 1:800 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).