

For Research Use Only

CoraLite® Plus 488-conjugated MBD3 Recombinant monoclonal antibody

Catalog Number:CL488-86681-2



Basic Information

Catalog Number: CL488-86681-2	GenBank Accession Number: BC043619	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 53615	CloneNo.: 250922E11
Source: Rabbit	UNIPROT ID: O95983	Recommended Dilutions: IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: methyl-CpG binding domain protein 3	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG5531	Calculated MW: 33 kDa	
	Observed MW: 35 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HeLa cells,
Species Specificity: human	

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.

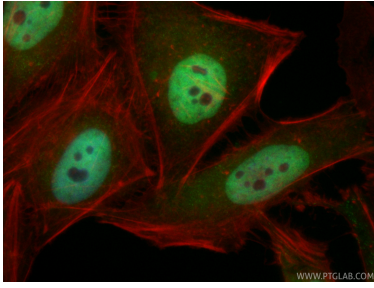
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

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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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using Coralite® Plus 488 MBD3 antibody (CL488-86681-2, Clone: 250922E11) at dilution of 1:200, CL594-phalloidin (red).