

For Research Use Only

CoraLite® Plus 488-conjugated Di-Methyl-Histone H3 (Lys9) Recombinant monoclonal antibody

Catalog Number: CL488-86990-2



Basic Information

Catalog Number: CL488-86990-2	GenBank Accession Number: BC066245	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 8350	CloneNo.: 252046G7
Source: Rabbit	UNIPROT ID: P68431	Recommended Dilutions: IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: histone cluster 1, H3a	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
	Observed MW: 15-17 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : MCF-7 cells,
Species Specificity: human	

Background Information

H3K9me2 is a typical transcriptional repressive modification, primarily enriched in heterochromatin regions (such as centromeres, telomeres, and transposon elements), but can also be scattered throughout euchromatin. By recruiting "reader" proteins such as HP1 (Heterochromatin Protein 1), H3K9me2 can establish and stabilize a chromatin condensation state, thereby silencing gene expression.

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

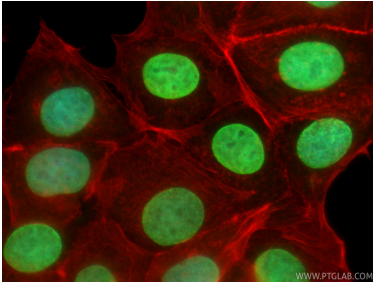
For technical support and original validation data for this product please contact:

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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 MCF-7 cells using CoraLite® Plus 488 Di-Methyl-Histone H3 (Lys9) antibody (CL488-86990-2, Clone: 252046G7) at dilution of 1:200, CL594-phalloidin (red).