

For Research Use Only

Mono/Di-Methyl-Histone H3 (Lys4) Recombinant monoclonal antibody, PBS Only



Catalog Number: 84747-1-PBS

Basic Information

Catalog Number: 84747-1-PBS	GenBank Accession Number: BC066245	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 8350	CloneNo.: 241941D10
Source: Rabbit	UNIPROT ID: P68431	
Isotype: IgG	Full Name: histone cluster 1, H3a	
	Observed MW: 17 kDa	

Applications

Tested Applications:
WB, IF/ICC, FC (Intra), Dot Blot, Indirect ELISA, ChIP-
qPCR

Species Specificity:
human, mouse, rat

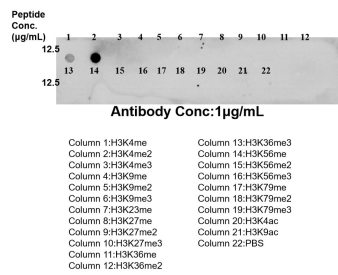
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

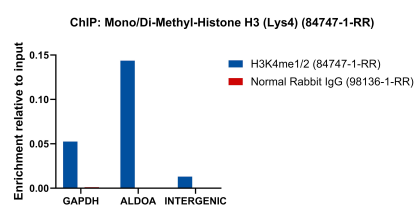
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

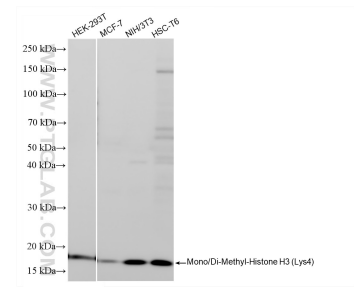
Selected Validation Data



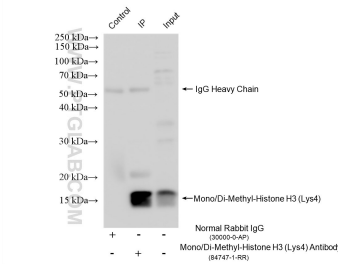
Dot blot analysis was used to confirm the specificity of 84747-1-RR Mono/Di-Methyl-Histone H3 (Lys4) antibody. peptides were spotted onto NC and probed with antibody at 1 µg/mL. The amount of peptide (µg/mL) spotted is indicated next to each row. This data was developed using the same antibody clone with 84747-1-PBS in a different storage buffer formulation.



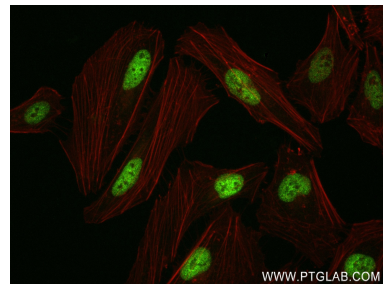
Chromatin was prepared from HEK-293T cells. Cells were fixed with formaldehyde for 10 minutes. The ChIP was performed with 15 µg of cross-linked chromatin, 5 µg of Mono/Di-Methyl-Histone H3 (Lys4) (84747-1-RR) or 5 µg of Normal Rabbit IgG (98136-1-RR), and 20 µl of Protein A Magarose Beads. The immunoprecipitated DNA was quantified by real-time PCR. This data was developed using the same antibody clone with 84747-1-PBS in a different storage buffer formulation.



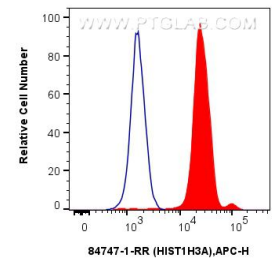
Various lysates were subjected to SDS PAGE followed by western blot with 84747-1-RR (Mono/Di-Methyl-Histone H3 (Lys4) antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84747-1-PBS in a different storage buffer formulation.



IP result of anti-Mono/Di-Methyl-Histone H3 (Lys4) (IP:84747-1-RR, 4ug; Detection:84747-1-RR 1:500) with HeLa cells lysate 1320 ug. This data was developed using the same antibody clone with 84747-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using Mono/Di-Methyl-Histone H3 (Lys4) antibody (84747-1-RR, Clone: 241941D10) at dilution of 1:400 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 84747-1-PBS in a different storage buffer formulation.



1x10⁶ HeLa cells were intracellularly stained with 0.25 ug Mono/Di-Methyl-Histone H3 (Lys4) Recombinant Antibody (84747-1-RR, Clone:241941D10) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set. This data was developed using the same antibody clone