

For Research Use Only

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



Catalog Number: 84740-1-PBS

Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
84740-1-PBS	BC066245	Protein A purification
Source:	GeneID (NCBI):	CloneNo.:
Rabbit	8350	241940G8
Isotype:	UNIPROT ID:	
IgG	P68431	
	Full Name:	
	histone cluster 1, H3a	
	Observed MW:	
	15 kDa	

Applications

Tested Applications:
WB, IF/ICC, Dot Blot, Indirect ELISA, ChIP-qPCR

Species Specificity:
human, mouse

Background Information

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:

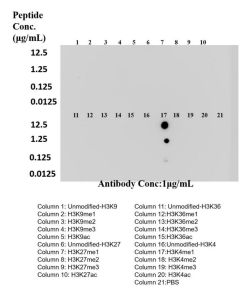
T: 4006900926

E: Proteintech-CN@ptglab.com

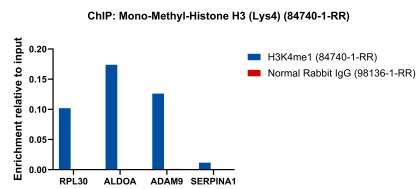
W: ptgcn.com

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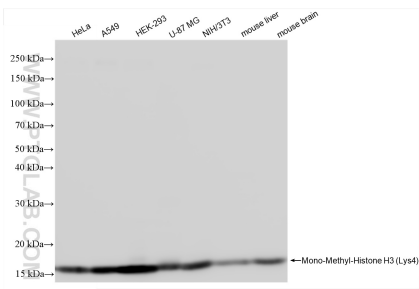
Selected Validation Data



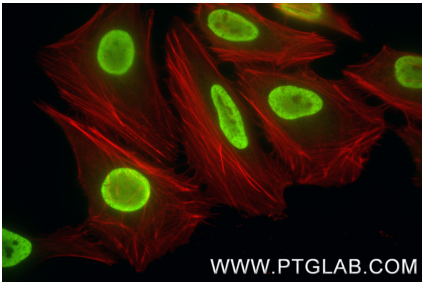
Dot blot analysis was used to confirm the specificity of 84740-1-RR Mono-Methyl-Histone H3 (Lys4) antibody. Peptides were spotted onto NC and probed with antibody at 1 µg/ml. The amount of peptide (ug/mL) spotted is indicated next to each row. This data was developed using the same antibody clone with 84740-1-PBS in a different storage buffer formulation.



Chromatin was prepared from HeLa cells. Cells were fixed with formaldehyde for 10 minutes. The ChIP was performed with 15 µg of cross-linked chromatin, 5 µg of Mono-Methyl-Histone H3 (Lys4) (84740-1-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 84740-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 84740-1-RR (Mono-Methyl-Histone H3 (Lys4) antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84740-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using Mono-Methyl-Histone H3 (Lys4) antibody (84740-1-RR, Clone: 241940G8) at dilution of 1:1000 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 84740-1-PBS in a different storage buffer formulation.

Immunofluorescent analysis of (4% PFA) fixed HeLa cells using Mono-Methyl-Histone H3 (Lys4) antibody (84740-1-RR, Clone: 241940G8) at dilution of 1:2500 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 84740-1-PBS in a different storage buffer formulation.