

For Research Use Only

Di-Methyl-Histone H3 (Arg8) Recombinant monoclonal antibody, PBS Only



Catalog Number: 87625-1-PBS

Basic Information

Catalog Number: 87625-1-PBS	GenBank Accession Number: BC066245	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 8350	CloneNo.: 241943G10
Source: Rabbit	UNIPROT ID: P68431	
Isotype: IgG	Full Name: histone cluster 1, H3a	
	Observed MW: 15 kDa	

Applications

Tested Applications:
WB, Dot Blot, Indirect ELISA

Species Specificity:
human

Background Information

Arginine dimethylation is an important post-translational modification of proteins. Based on the positions of the two methyl groups on the guanidino group of arginine, it can be divided into symmetric dimethylation (SDMA) and asymmetric dimethylation (ADMA). Symmetric dimethylation is crucial for embryonic development and cell differentiation and is often associated with transcriptional repression. This antibody specifically recognizes symmetric dimethyl-arginine (SDMA, Rme2s).

Storage

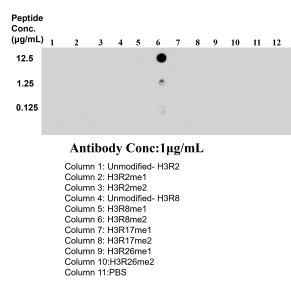
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

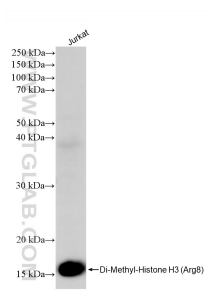
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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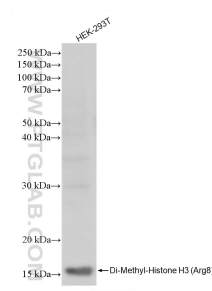
Selected Validation Data



Dot blot analysis was used to confirm the specificity of 87625-1-RR Di-Methyl-Histone H3 (Arg8) 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 87625-1-PBS in a different storage buffer formulation.



Jurkat cells were subjected to SDS PAGE followed by western blot with 87625-1-RR (HIST1H3A(H3R8me2) antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87625-1-PBS in a different storage buffer formulation.



HEK-293T cells were subjected to SDS PAGE followed by western blot with 87625-1-RR (HIST1H3A(H3R8me2) antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87625-1-PBS in a different storage buffer formulation.