

For Research Use Only

Di-Methyl-Histone H3 (Arg8) Recombinant monoclonal antibody

Catalog Number: 87625-1-RR



Basic Information

Catalog Number: 87625-1-RR	GenBank Accession Number: BC066245	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 8350	CloneNo.: 241943G10
Source: Rabbit	UNIPROT ID: P68431	Recommended Dilutions: WB: 1:500-1:2000 Dot Blot: 1:500-1:2000
Isotype: IgG	Full Name: histone cluster 1, H3a	
	Observed MW: 15 kDa	

Applications

Tested Applications: WB, Dot Blot, ELISA	Positive Controls:
Species Specificity: human	WB : Jurkat cells, HEK-293T cells Dot Blot : / / ,

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

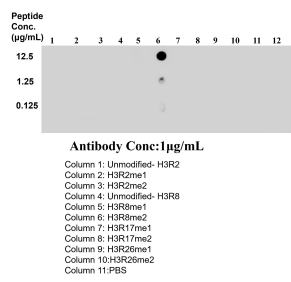
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

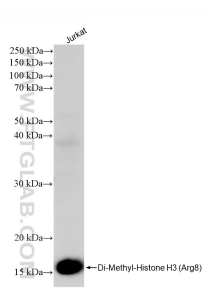
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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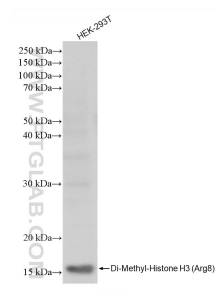
Selected Validation Data



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.



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.



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.