

For Research Use Only

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

Catalog Number: 87625-1-RR



Basic Information

Catalog Number:

87625-1-RR

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC066245

GeneID (NCBI):

8350

UNIPROT ID:

P68431

Full Name:

histone cluster 1, H3a

Observed MW:

15 kDa

Purification Method:

Protein A purification

CloneNo.:

241943G10

Recommended Dilutions:

WB: 1:500-1:2000

Dot Blot: 1:500-1:2000

Applications

Tested Applications:

WB, Dot Blot, ELISA

Species Specificity:

human

Positive Controls:

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

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

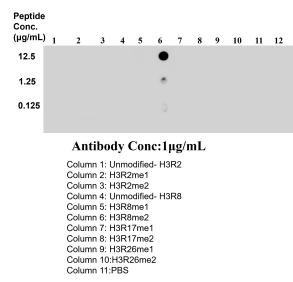
T: 4006900926

E: Proteintech-CN@ptglab.com

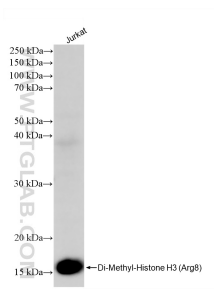
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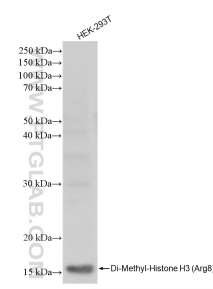
Selected Validation Data



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 (µ g/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.