

For Research Use Only

# Di-Methyl-Histone H3 (Arg2) Recombinant antibody

Catalog Number: 84702-1-RR



## Basic Information

Catalog Number:

84702-1-RR

Size:

100ul, Concentration: 1000 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC066245

GeneID (NCBI):

8350

UNIPROT ID:

P68431

Full Name:

histone cluster 1, H3a

Purification Method:

Protein A purification

CloneNo.:

241896D7

Recommended Dilutions:

IHC 1:500-1:2000

IF/ICC 1:200-1:800

## Applications

Tested Applications:

IHC, IF/ICC, FC (Intra), Dot Blot, ELISA

Species Specificity:

human, mouse, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

IHC : rat liver tissue, human placenta tissue, mouse liver tissue

IF/ICC : HeLa cells, NIH/3T3 cells, C6 cells

FC (Intra) : HeLa cells,

Dot Blot: peptide,

## 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

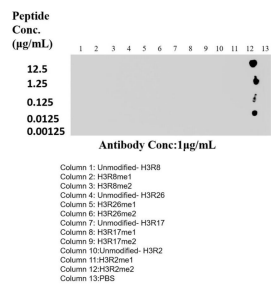
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

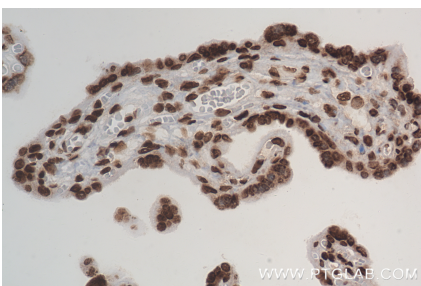
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

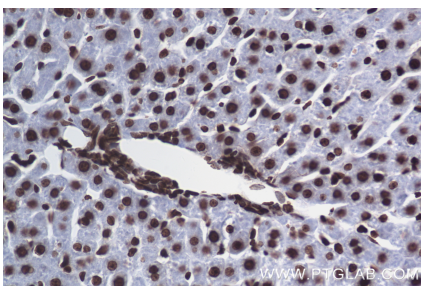
Selected Validation Data



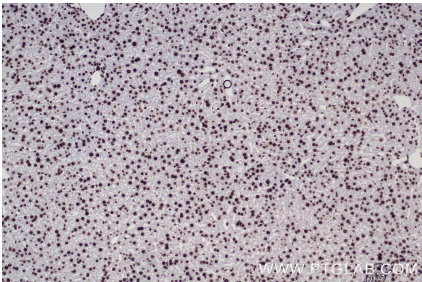
Dot blot analysis was used to confirm the specificity of 84702-1-RR Di-Methyl-Histone H3 (Arg2) antibody. Peptides were spotted onto NC and probed with antibody at 1 µg/mL. The amount of peptide (ug/mL) spotted is indicated next to each row.



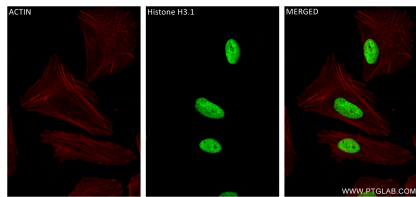
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 84702-1-RR (Di-Methyl-Histone H3 (Arg2) antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat liver tissue slide using 84702-1-RR (Di-Methyl-Histone H3 (Arg2) antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).

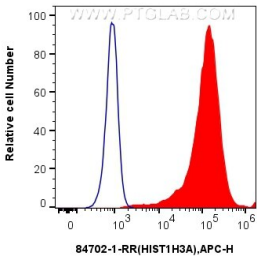


Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 84702-1-RR (Di-Methyl-Histone H3 (Arg2) antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed NIH/3T3 cells using Di-Methyl-Histone H3 (Arg2) antibody (84702-1-RR, Clone: 241896D7) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).

Immunofluorescent analysis of (4% PFA) fixed C6 cells using Di-Methyl-Histone H3 (Arg2) antibody (84702-1-RR, Clone: 241896D7) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



1x10<sup>6</sup> HeLa cells were intracellularly stained with 0.25 ug Hist1h3a Recombinant Antibody (84702-1-RR, Clone:241896D7) 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.