

For Research Use Only

# Acetyl-Histone H2B (Lys20) Recombinant antibody

Catalog Number: 84549-1-RR



## Basic Information

Catalog Number:

84549-1-RR

Size:

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

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC005827

GeneID (NCBI):

8349

UNIPROT ID:

Q16778

Full Name:

histone cluster 2, H2be

Calculated MW:

14 kDa

Observed MW:

15 kDa

Purification Method:

Protein A purification

CloneNo.:

241204H8

Recommended Dilutions:

WB 1:500-1:2000

IF/ICC 1:200-1:800

## Applications

Tested Applications:

WB, IF/ICC, Dot Blot, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : Trichostatin A treated NIH/3T3 cells,

IF/ICC : HeLa cells, Trichostatin A treated HeLa cells,  
Trichostatin A treated NIH/3T3 cells

## 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

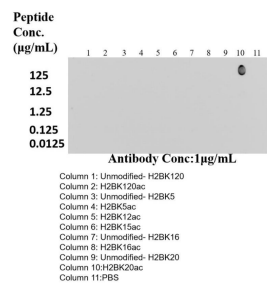
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
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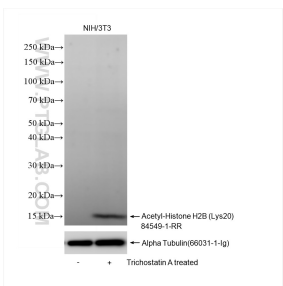
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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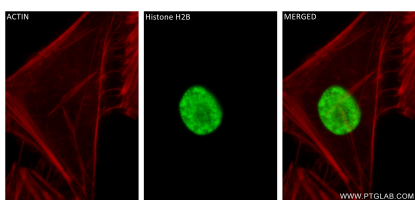
Selected Validation Data



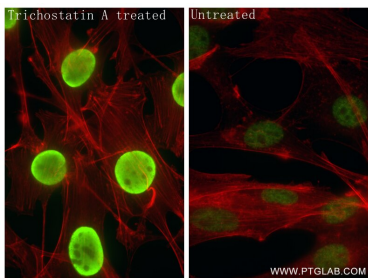
Dot blot analysis was used to confirm the specificity of 84549-1-RR Acetyl-Histone H2B (Lys20) antibody. Peptides were spotted onto NC and probed with antibody at 1 µg/ml. The amount of peptide (µg/mL) spotted is indicated next to each row.



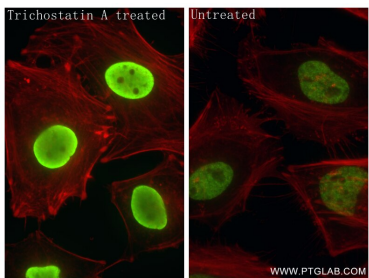
Trichostatin A treated and untreated NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 84549-1-RR (Acetyl-Histone H2B (Lys20) antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with Alpha Tubulin (66031-1-ig) antibody as a loading control.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using Acetyl-Histone H2B (Lys20) antibody (84549-1-RR, Clone: 241204H8 ) 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 Trichostatin A treated NIH/3T3 cells using Acetyl-Histone H2B (Lys20) antibody (84549-1-RR, Clone: 241204H8 ) at dilution of 1:1000 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Immunofluorescent analysis of (4% PFA) fixed Trichostatin A treated HeLa cells using Acetyl-Histone H2B (Lys20) antibody (84549-1-RR, Clone: 241204H8 ) at dilution of 1:1000 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).