

For Research Use Only

Acetyl-Histone H2B (Lys16) Recombinant antibody

Catalog Number: 84446-2-RR



Basic Information

Catalog Number:

84446-2-RR

Concentration:

1000 μ g/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC005827

GeneID (NCBI):

8349

UNIPROT ID:

Q16778

Full Name:

histone cluster 2, H2be

Calculated MW:

14 kDa

Purification Method:

Protein A purification

CloneNo.:

241194C7

Recommended Dilutions:

IF/ICC 1:50-1:500

Applications

Tested Applications:

IF/ICC, Dot Blot, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : HeLa cells, Trichostatin A treated C6 cells,
Trichostatin A treated NIH/3T3 cells

Background Information

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:

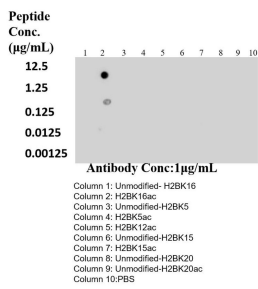
T: 4006900926

E: Proteintech-CN@ptglab.com

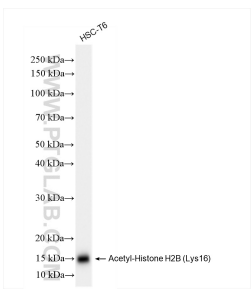
W: ptgcn.com

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

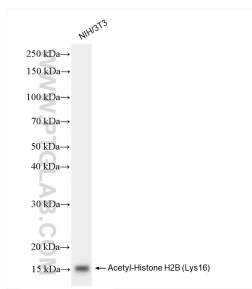
Selected Validation Data



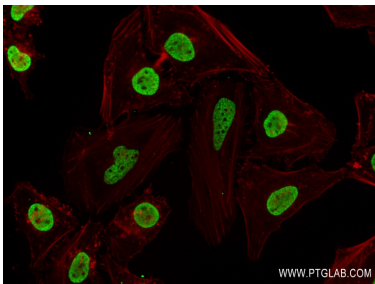
Dot blot analysis was used to confirm the specificity of Acetyl-Histone H2B (Lys16) antibody. Acetylated peptides were spotted onto NC and probed with antibody at 1 µg/ml. The amount of peptide (µ g/mL) spotted is indicated next to each row.



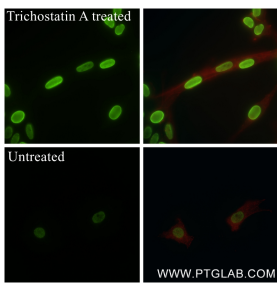
HSC-T6 cells were subjected to SDS PAGE followed by western blot with 84446-2-RR (Acetyl-Histone H2B (Lys16) antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



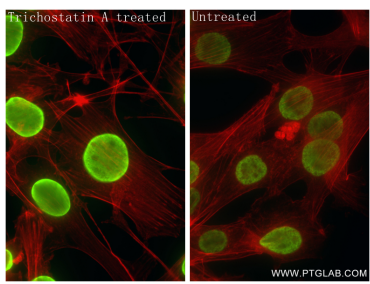
NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 84446-2-RR (Acetyl-Histone H2B (Lys16) antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using Acetyl-Histone H2B (Lys16) antibody (84446-2-RR, Clone: 241194C7) at dilution of 1:200 and Multi-rAb Coralite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).



Immunofluorescent analysis of (4% PFA) fixed Trichostatin A treated C6 cells using Acetyl-Histone H2B (Lys16) antibody (84446-2-RR, Clone: 241194C7) 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 NIH/3T3 cells using Acetyl-Histone H2B (Lys16) antibody (84446-2-RR, Clone: 241194C7) at dilution of 1:1000 and Coralite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).