

For Research Use Only

Acetyl-Histone H2B (Lys16) Recombinant antibody, PBS Only

Catalog Number: 84446-1-PBS



Basic Information

Catalog Number:

84446-1-PBS

Size:

100ug, Concentration: 1 mg/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.:

241194H2

Applications

Tested Applications:

WB, IF/ICC, Dot Blot, Indirect ELISA

Species Specificity:

human, mouse, rat

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

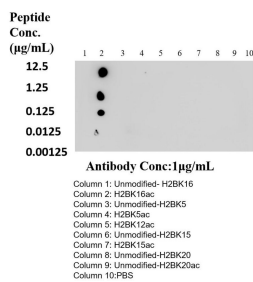
For technical support and original validation data for this product please contact:

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

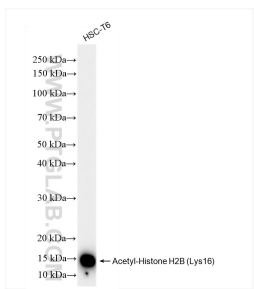
E: proteintech@ptglab.com
W: ptglab.com

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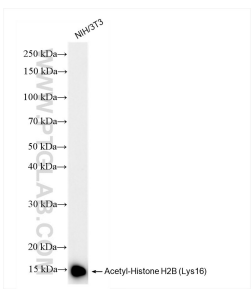
Selected Validation Data



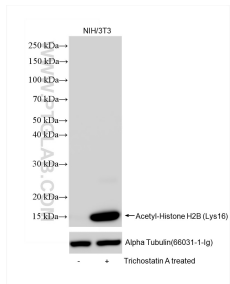
Dot blot analysis was used to confirm the specificity of Acetyl-Histone H2B (Lys16) antibody. Acetylated peptides were spotted onto NC and probed with antibody at 1 µg/mL. The amount of peptide (µg/mL) spotted is indicated next to each row. This data was developed using the same antibody clone with 84446-1-PBS in a different storage buffer formulation.



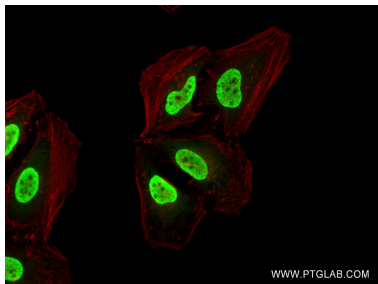
HSC-T6 cells were subjected to SDS PAGE followed by western blot with 84446-1-RR (Acetyl-Histone H2B (Lys16) antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84446-1-PBS in a different storage buffer formulation.



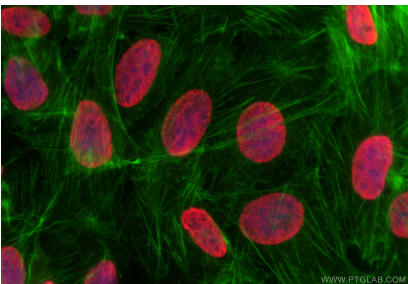
NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 84446-1-RR (Acetyl-Histone H2B (Lys16) antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84446-1-PBS in a different storage buffer formulation.



Trichostatin A treated and untreated NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 84446-1-RR (Acetyl-Histone H2B (Lys16) antibody) at dilution of 1:10000 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. This data was developed using the same antibody clone with 84446-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using Histone H2B antibody (84446-1-RR, Clone: 241194H2) at dilution of 1:850 and Multi-rAb Coralite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). This data was developed using the same antibody clone with 84446-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using Acetyl-Histone H2B (Lys16) antibody (84446-1-RR, Clone: 241194H2) at dilution of 1:500 and Coralite® 594-Conjugated Goat Anti-Rabbit IgG (H+L) (SA00013-4), CL488-phalloidin (green). This data was developed using the same antibody clone with 84446-1-PBS in a different storage buffer formulation.