

For Research Use Only

Acetyl-Histone H2B (Lys20) Recombinant antibody, PBS Only

Catalog Number: 84549-1-PBS



Basic Information

Catalog Number:

84549-1-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.:

241204H8

Applications

Tested Applications:

WB, IF/ICC, Dot Blot, Indirect ELISA, ChIP-qPCR

Species Specificity:

human, mouse

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

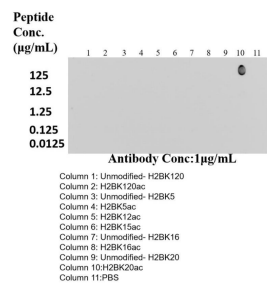
For technical support and original validation data for this product please contact:

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

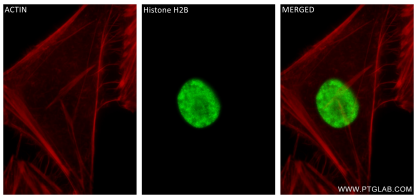
E: proteintech@ptglab.com
W: ptglab.com

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

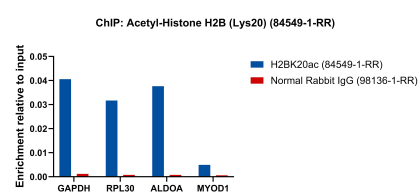
Selected Validation Data



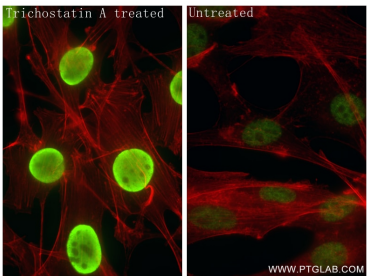
Dot blot analysis was used to confirm the specificity of 84549-1-RR Acetyl-Histone H2B (Lys20) antibody. Peptides were spotted onto NC and probed with antibody at 1 µg/ml. The amount of peptide (ug/mL) spotted is indicated next to each row. This data was developed using the same antibody clone with 84549-1-PBS in a different storage buffer formulation.



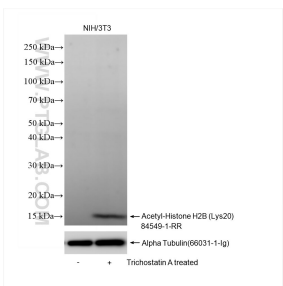
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using Acetyl-Histone H2B (Lys20) antibody (84549-1-RR, Clone: 241204H8) at dilution of 1:400 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 84549-1-PBS in a different storage buffer formulation.



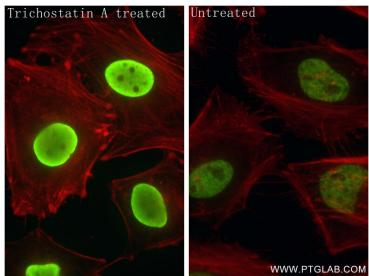
Chromatin was prepared from HeLa cells. Cells were fixed with formaldehyde for 10 minutes. The ChIP was performed with 15 µg of cross-linked chromatin, 3 µg of Acetyl-Histone H2B (Lys20) (84549-1-RR) or 3 µg of Normal Rabbit IgG (98136-1-RR), and 20 µl of Protein A Magarose Beads. The immunoprecipitated DNA was quantified by real-time PCR. This data was developed using the same antibody clone with 84549-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 84549-1-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 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. This data was developed using the same antibody clone with 84549-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 84549-1-PBS in a different storage buffer formulation.