

For Research Use Only

Phospho-Histone H3 (Ser28) Recombinant monoclonal antibody

Catalog Number: 87654-1-RR



Basic Information

Catalog Number:

87654-1-RR

Size:

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

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC066245

GeneID (NCBI):

8350

UNIPROT ID:

P68431

Full Name:

histone cluster 1, H3a

Observed MW:

17 kDa

Purification Method:

Protein A purification

CloneNo.:

250369D9

Recommended Dilutions:

WB: 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : nocodazole treated HeLa cells, nocodazole treated NIH/3T3 cells

Background Information

H3S28ph and H3S10ph appear simultaneously in the early stages of mitosis, starting from prophase I (chromosome condensation), distributed along the chromosomes, and participating in chromosome condensation and separation. H3S28ph, as a marker of cell proliferation and transformation, has important value in tumor research.

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

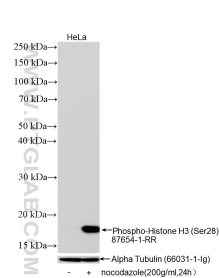
For technical support and original validation data for this product please contact:

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

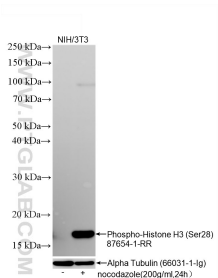
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87654-1-RR (Phospho-Histone H3 (Ser28) antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with Alpha Tubulin Monoclonal antibody (66031-1-Ig) as loading control.



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