

Phospho-Histone H3 (Ser10/Thr11) Rabbit mAb

Catalog No: #52696

Package Size: #52696-1 50ul #52696-2 100ul

Orders: order@signalwayantibody.com

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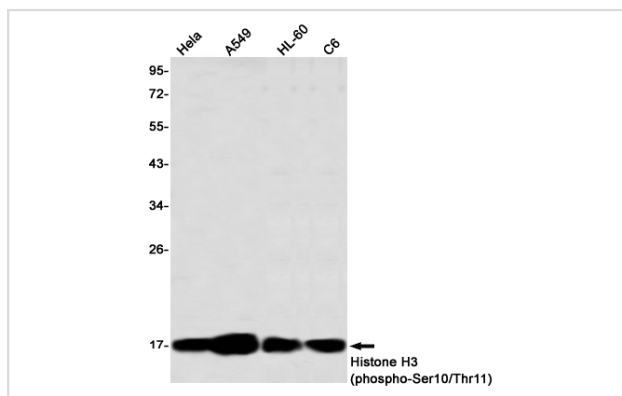
Description

Product Name	Phospho-Histone H3 (Ser10/Thr11) Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S08-6C4
Isotype	IgG
Purification	Affinity Purified
Applications	WB IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic phosphopeptide corresponding to residues surrounding Ser10/Thr11 of human Histone H3
Conjugates	Unconjugated
Modification	Phosphorylated
Other Names	H3/A; H3C2; H3C3; H3C4; H3C6; H3C7; H3C8; H3FA; H3C10; H3C11; H3C12; HIST1H3A
Accession No.	Swiss-Prot:P68431GenelD:8350
Uniprot	P68431
GenelD	8350
Calculated MW	Calculated MW:15 kDa,Observed MW:17 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

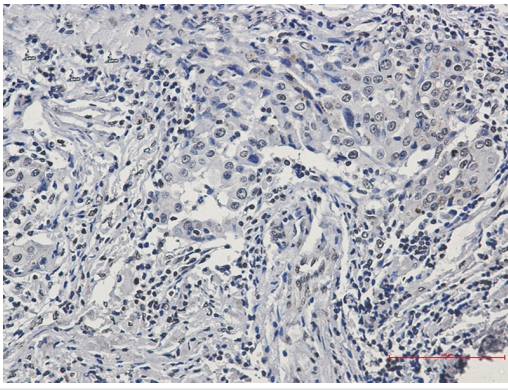
Application Details

WB: 1/1000 IHC: 1/20

Images



Western blot detection of Histone H3 (phospho-Ser10/Thr11) in HeLa, A549, HL-60, C6 using Histone H3 (phospho-Ser10/Thr11) Rabbit mAb(1:1000 diluted)



Immunohistochemistry of Histone H3 (phospho-Ser10/Thr11) in paraffin-embedded Human lung cancer tissue using Histone H3 (phospho-Ser10/Thr11) Rabbit mAb at dilution 1/50

Background

Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

Note: This product is for in vitro research use only