

Histone H4 Rabbit mAb

Catalog No: #52336

Package Size: #52336-1 50ul #52336-2 100ul

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Description

Product Name	Histone H4 Rabbit mAb
Clone No.	S05-8H9
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB;IHC;ICC/IF;IP;ChIP
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human Histone H4
Conjugates	Unconjugated
Modification	Unmodification
Other Names	H4/p
Accession No.	Swiss-Prot:P62805GeneID:121504
Uniprot	P62805
GeneID	121504
Calculated MW	Calculated MW: 11 kDa; Observed MW: 11 kDa
Formulation	Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

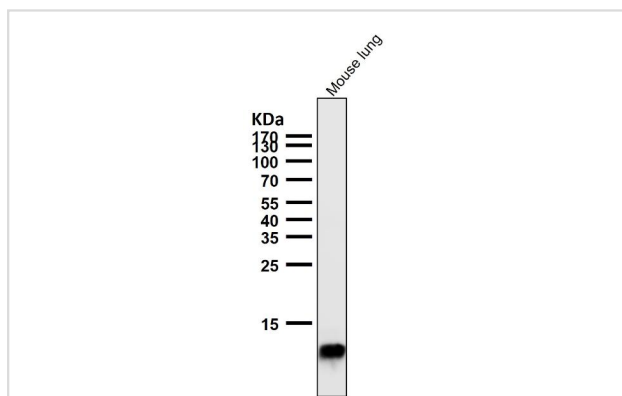
WB 1:1000-1:2000

IHC 1:100-1:200

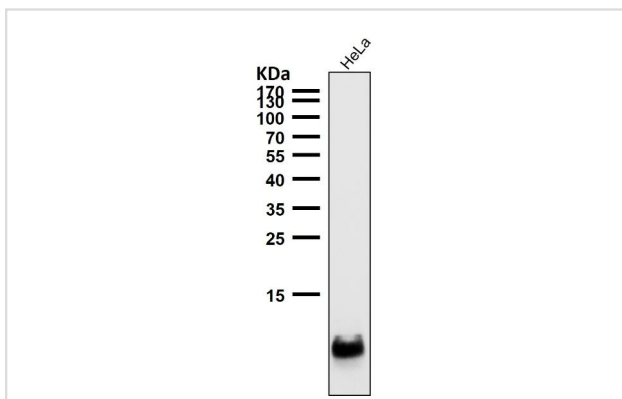
ICC/IF 1:50-1:200

IP/ChIP 1:20-1:50

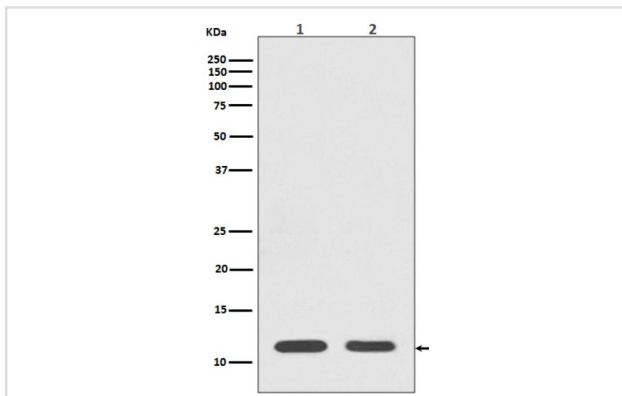
Images



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



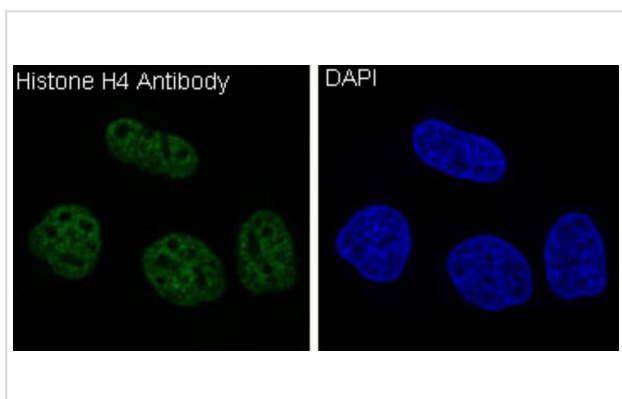
All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



Western blot analysis of Histone H4 expression in (1) HeLa cell lysate; (2) 3T3 cell lysate.



Immunohistochemical analysis of paraffin-embedded human uterus, using Histone H4 Antibody.



Immunofluorescent analysis of HeLa cells, using Histone H4 Antibody.

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