

## 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

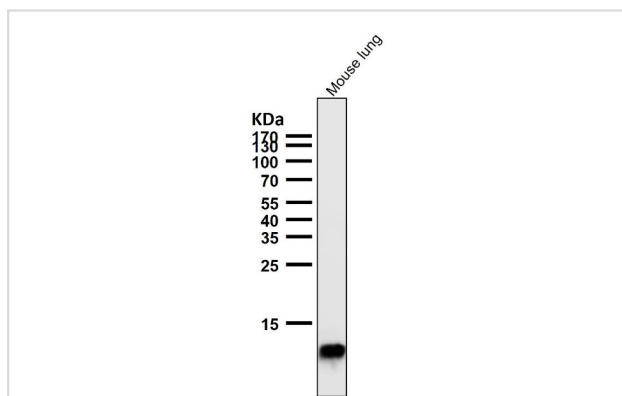
WB 1:1000-1:2000

IHC 1:100-1:200

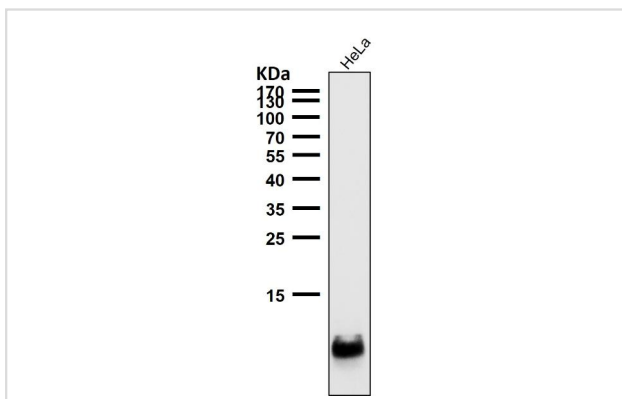
ICC/IF 1:50-1:200

IP/ChIP 1:20-1:50

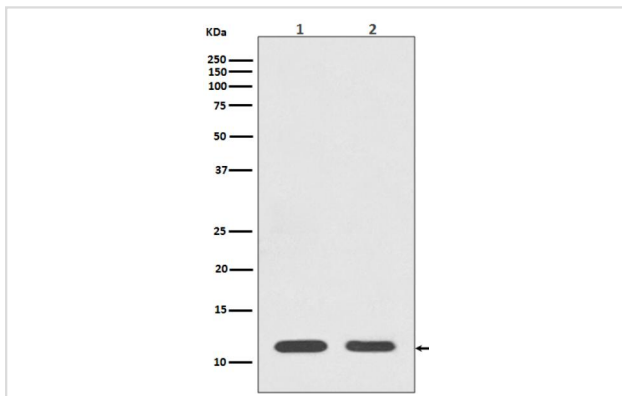
## Images



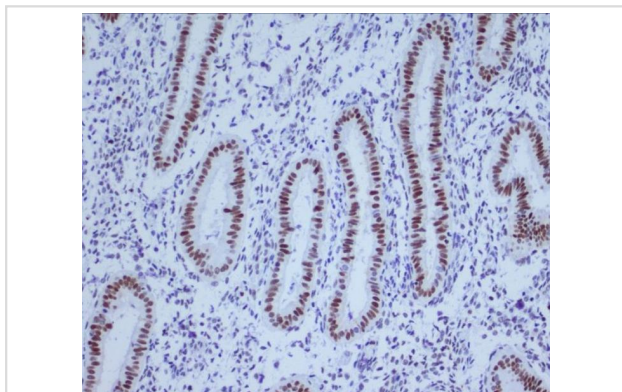
All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



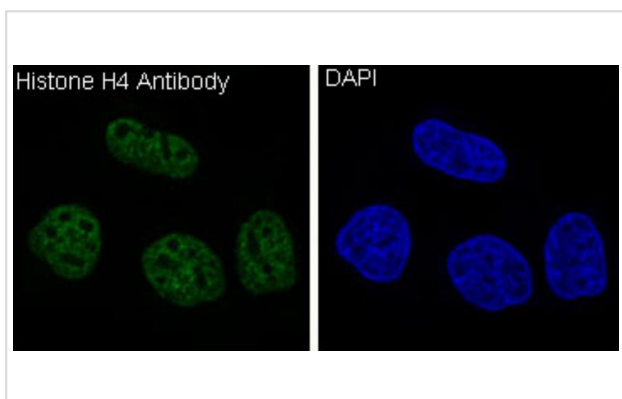
All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



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.

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Note: This product is for in vitro research use only