

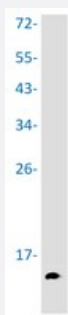
RecomAb™

# Histone H4 (acetyl K5) recombinant monoclonal antibody, clone R08-7D2

Catalog # RAB04411

Size 100 uL

## Applications



### Western Blot

Western blot analysis of 3T3 whole cell lysate with Histone H4C (acetyl K5) recombinant monoclonal antibody, clone R08-7D2 (Cat # RAB04411).

### Immunocytochemistry

Immunocytochemistry staining of HeLa cells with Histone H4 (acetyl K5) recombinant monoclonal antibody, clone R08-7D2 (Cat # RAB04411) (green). DAPI was stained the cell nucleus (blue).

## Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human histone H4.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic acetyl peptide corresponding to residues surrounding K5 of human histone H4.
Theoretical MW (kDa)	Calculated MW: 11 kD
Reactivity	Human, Mouse

Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:100) Immunoprecipitation (1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot

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- Immunohistochemistry

- Immunocytochemistry

Immunocytochemistry staining of HeLa cells with Histone H4 (acetyl K5) recombinant monoclonal antibody, clone R08-7D2 (Cat # RAB04411) (green). DAPI was stained the cell nucleus (blue).

- Immunofluorescence

- Immunoprecipitation

## Gene Info — HIST4H4

Entrez GeneID	<a href="#">121504</a>
Protein Accession#	<a href="#">P62805</a>
Gene Name	HIST4H4

Gene Alias	H4/p, MGC24116
Gene Description	histone cluster 4, H4
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a member of the histone H4 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. [provided by RefSeq]</p>
Other Designations	histone 4, H4 histone H4

## Pathway

- [Systemic lupus erythematosus](#)