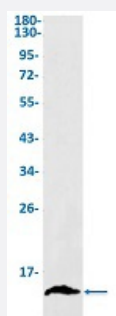


RecomAb™

H4C1 recombinant monoclonal antibody, clone R05-8H9

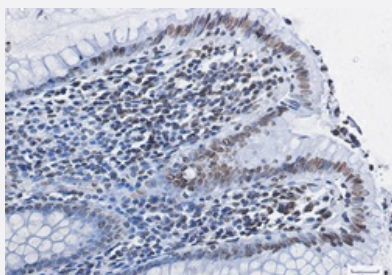
Catalog # RAB02219 Size 100 uL

Applications



Western Blot

Western Blot analysis of Hela lysates with H4C1 recombinant monoclonal antibody, clone R05-8H9 (Cat # RAB02219).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human colon cancer with H4C1 recombinant monoclonal antibody, clone R05-8H9 (Cat # RAB02219). High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human H4C1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human H4C1.
Theoretical MW (kDa)	Calculated MW: 11 kD
Reactivity	Human
Form	Liquid

Purification	Affinity purification
Isotype	IgG
Recommend Usage	ChIP(1:20) Immunofluorescence(1:50-1:200) Immunohistochemistry (1:50-1:100) 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 -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

- ChIP

- Western Blot

Western Blot analysis of Hela lysates with H4C1 recombinant monoclonal antibody, clone R05-8H9 (Cat # RAB02219).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human colon cancer with H4C1 recombinant monoclonal antibody, clone R05-8H9 (Cat # RAB02219). High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

- Immunohistochemistry

- Immunofluorescence

Gene Info — HIST4H4

Entrez GeneID	121504
Protein Accession#	P62805
Gene Name	HIST4H4
Gene Alias	H4/p, MGC24116

Gene Description	histone cluster 4, H4
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Gene Ontology	Hyperlink
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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>
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Other Designations	histone 4, H4 histone H4
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Pathway

- [Systemic lupus erythematosus](#)