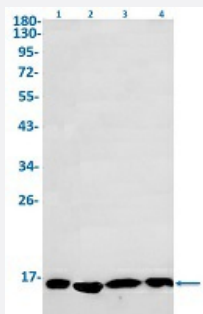


RecomAb™

H2BC12 recombinant monoclonal antibody, clone R07-8K4

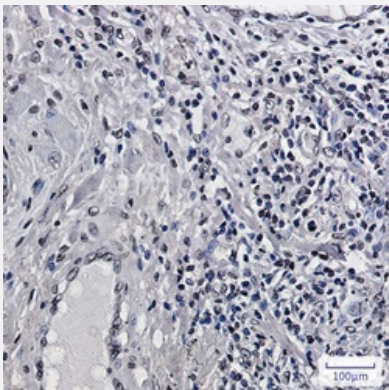
Catalog # RAB02223 Size 100 uL

Applications



Western Blot

Western Blot analysis of Lane 1: K562, Lane 2: C6, Lane 3: 3T3 and Lane 4: HeLa lysates with H2BC12 recombinant monoclonal antibody, clone R07-8K4 (Cat # RAB02223).



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human colon cancer with H2BC12 recombinant monoclonal antibody, clone R07-8K4 (Cat # RAB02223). High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human H2BC12.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human H2BC12.
Theoretical MW (kDa)	Calculated MW: 14 kD
Reactivity	Human, Mouse, Rat

Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	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 -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

Western Blot analysis of Lane 1: K562, Lane 2: C6, Lane 3: 3T3 and Lane 4: Hela lysates with H2BC12 recombinant monoclonal antibody, clone R07-8K4 (Cat # RAB02223).

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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human colon cancer with H2BC12 recombinant monoclonal antibody, clone R07-8K4 (Cat # RAB02223). High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

- Immunoprecipitation

Gene Info — HIST1H2BK

Entrez GeneID	85236
Protein Accession#	O60814
Gene Name	HIST1H2BK
Gene Alias	H2B/S, H2BFAiii, H2BFT, MGC131989
Gene Description	histone cluster 1, H2bk
Gene Ontology	Hyperlink

Gene Summary

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene encodes a member of the histone H2B family. This gene is found in the histone microcluster on chromosome 6p21.3. [provided by RefSeq]

Other Designations

H2B histone family, member T|OTTHUMP00000016177|histone 1, H2bk|histone family member

Pathway

- [Systemic lupus erythematosus](#)