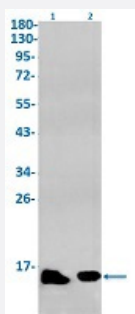


RecomAb™

H2BC12 recombinant monoclonal antibody, clone R05-1J4

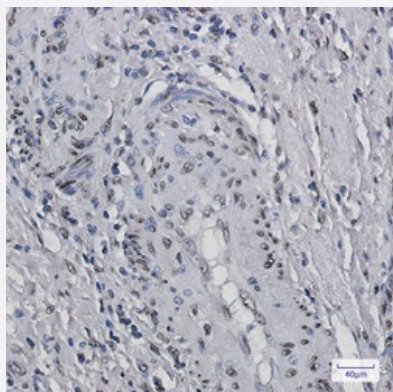
Catalog # RAB02224 Size 100 uL

Applications



Western Blot

Western Blot analysis of Lane 1: K562 and Lane 2: C6 lysates with H2BC12 recombinant monoclonal antibody, clone R05-1J4 (Cat # RAB02224).



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human colon cancer with H2BC12 recombinant monoclonal antibody, clone R05-1J4 (Cat # RAB02224). 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 and Lane 2: C6 lysates with H2BC12 recombinant monoclonal antibody, clone R05-1J4 (Cat # RAB02224).

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- 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](#)