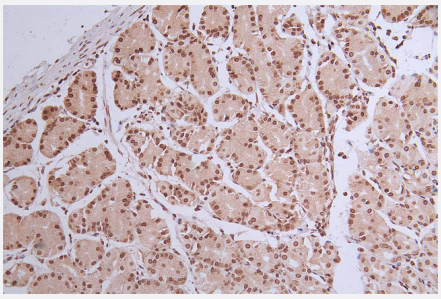
RecomAb™

HIST1H1C recombinant monoclonal antibody, clone 16H4

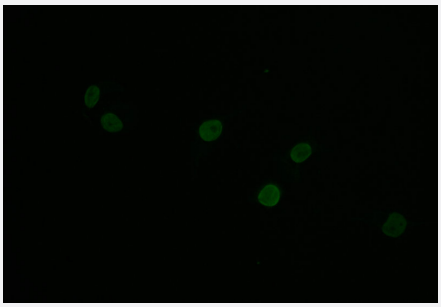
Catalog # RAB07712 Size 100 uL

Applications



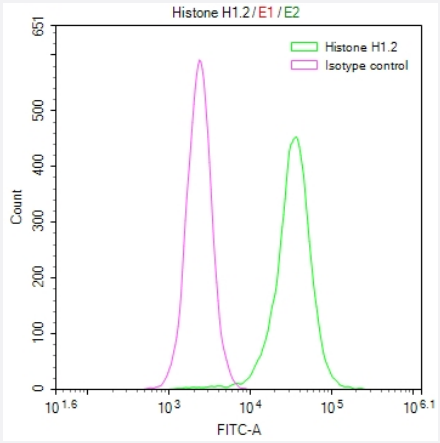
Immunohistochemistry

Immunohistochemistry image of HIST1H1C recombinant monoclonal antibody, clone 16H4 diluted at 1:50 and staining in paraffin-embedded human stomach tissue performed on a Leica BondTM system.



Immunofluorescence

Immunofluorescence staining of Hela Cells with HIST1H1C recombinant monoclonal antibody, clone 16H4 at 1:30, counter-stained with DAPI.



Flow Cytometry

Overlay Peak curve showing Hela cells stained with HIST1H1C recombinant monoclonal antibody, clone 16H4 (red line) at 1:50.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human HIST1H1C.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human HIST1H1C.
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Flow Cytometry(1:50-1:200) Immunohistochemistry(1:50-1:200) Immunofluorescence(1:20-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry

  Immunohistochemistry image of HIST1H1C recombinant monoclonal antibody, clone 16H4 diluted at 1:50 and staining in paraffin-embedded human stomach tissue performed on a Leica BondTM system.

- Immunofluorescence

  Immunofluorescence staining of Hela Cells with HIST1H1C recombinant monoclonal antibody, clone 16H4 at 1:30, counter-stained with DAPI.

- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

  Overlay Peak curve showing Hela cells stained with HIST1H1C recombinant monoclonal antibody, clone 16H4 (red line) at 1:50.

Gene Info — HIST1H1C

Entrez GeneID	3006
Protein Accession#	P16403
Gene Name	HIST1H1C
Gene Alias	H1.2, H1F2, MGC3992
Gene Description	histone cluster 1, H1c
Omim ID	142710
Gene Ontology	Hyperlink
Gene Summary	Histones are basic nuclear proteins responsible for 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 is intronless and encodes a member of the histone H1 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6. [provided by RefSeq
Other Designations	H1 histone family, member 2|OTTHUMP00000017749|histone 1, H1c|histone H1d

Disease

- Abortion
- Genetic Predisposition to Disease
- Parkinson disease