
Product Name: HIST2H3C(27Ac) Mouse Monoclonal Antibody**Catalog #: AMM81576**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	IHC,ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	15.4kDa

Antigen Information

Gene Name	HIST2H3C(27Ac)
Alternative Names	H3; H3.2; H3/M; H3F2; H3FM; H3FN
Gene ID	126961.0
SwissProt ID	Q71DI3
Immunogen	Synthesized peptide of human HIST2H3C (AA: ATKAARK(Ac)SAPATGGV) .

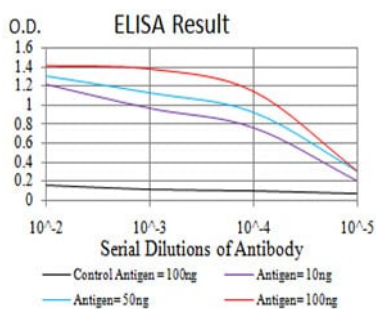
Background

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an 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

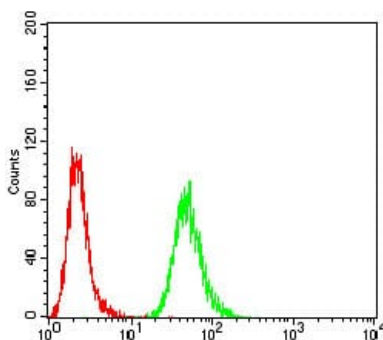
histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a member of the histone H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in a histone cluster on chromosome 1. This gene is one of four histone genes in the cluster that are duplicated; this record represents the telomeric copy.

Research Area

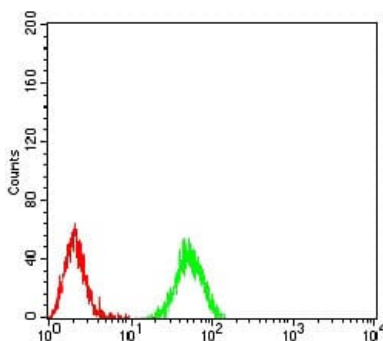
Image Data



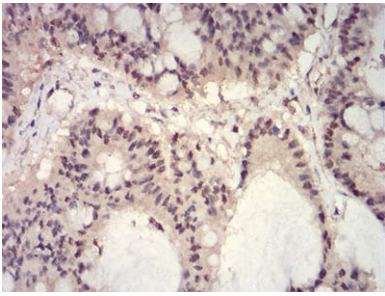
Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



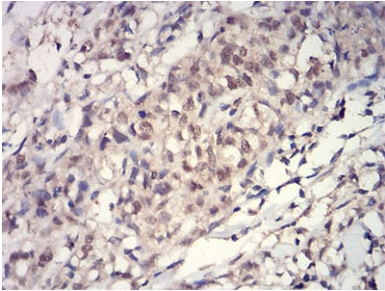
Flow cytometric analysis of *** cells using *** mouse mAb (green) and negative control (red).



Flow cytometric analysis of *** cells using HIST2H3C(27Ac) mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissues using HIST2H3C(27Ac) mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissues using HIST2H3C(27Ac) mouse mAb with DAB staining.