

HIST2H4A(20Me) monoclonal antibody

Catalog: MB22040

Host: Mouse

Reactivity: Human

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 H4 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 centromeric copy.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

11.4kDa

Swiss-Prot:

P62805

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000 IF:1/200 - 1/1000
FC:1/200 - 1/400

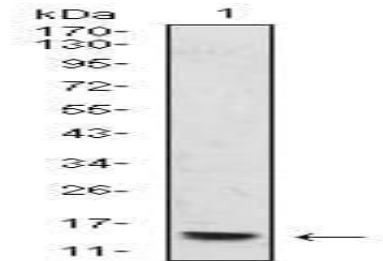
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

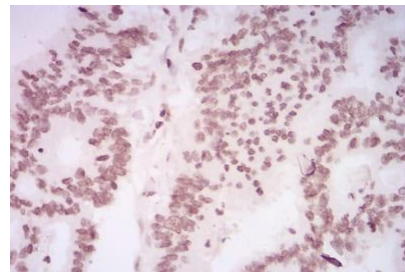
Isotype:

Mouse IgG1

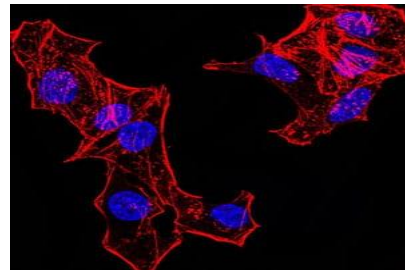
DATA:



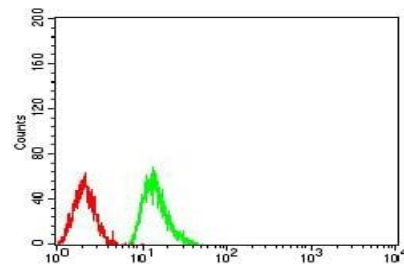
Western blot analysis using HIST2H4A(20Me) mouse mAb against THP-1 (1) cell lysate.



Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using HIST2H4A(20Me) mouse mAb with DAB staining.



Immunofluorescence analysis of HeLa cells. Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Flow cytometric analysis of Raji cells using HIST2H4A(20Me) mouse

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PRODUCT DATA SHEET

Bioworld Technology, Inc.

mAb (green) and negative control (red).

For research use only, not for use in diagnostic procedure.

Note:

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