

HH3 monoclonal antibody

Catalog: MB21908

Host: Mouse

Reactivity: Human, Mouse

Background:

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone 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 located separately from the other H3 genes that are in the histone gene cluster on chromosome 6p22-p21.3.

Product:

Purified antibody in PBS with 0.05% sodium azide.

Molecular Weight:

15.5kDa

Swiss-Prot:

Q16695

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 FC:1/200 - 1/400

Storage&Stability:

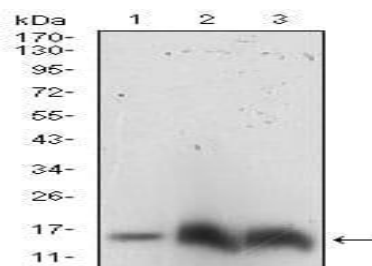
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

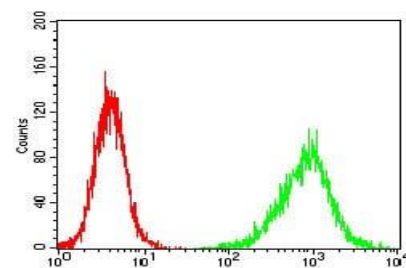
Isotype:

Mouse IgG1

DATA:



Western blot analysis using AHH3 mouse mAb against NIH3T3 (1), HeLa (2), K562 (3) cell lysate.



Flow cytometric analysis of NIH/3T3 cells using HH3 mouse mAb (green) and negative control (red).

Note:

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

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