

## HH3 monoclonal antibody

Catalog: MB21911

Host: Mouse

Reactivity: Human, Mouse, Rat

### 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 centromeric copy.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

15.4kDa

### Swiss-Prot:

Q71DI3

### 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

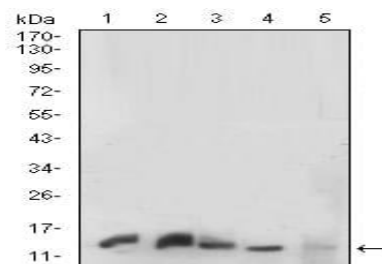
### Storage&Stability:

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

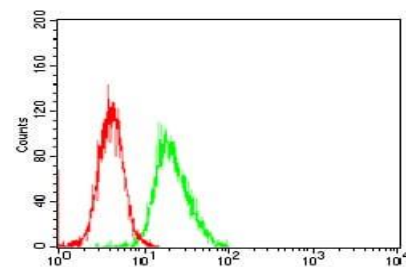
### Isotype:

Mouse IgG1

### DATA:



Western blot analysis using HH3 mouse mAb against K562 (1), C6(2), HEK293(3), PC-12(4) and NIH/3T3(5) 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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