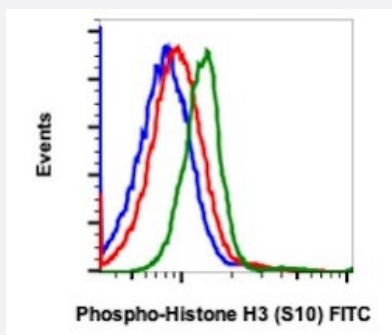


HIST3H3 (phospho S10) monoclonal antibody, clone 4B6 (FITC)

Catalog # MAB23428

Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of HeLa cells with HIST3H3 (phospho S10) monoclonal antibody, clone 4B6 (FITC) (Cat # MAB23428). Unstained as negative control (blue) or untreated (red) or treated with nocodazole (green).

Specification

Product Description Rabbit monoclonal antibody raised against synthetic phosphopeptide of human HIST3H3.

Immunogen A synthetic phosphopeptide corresponding to residues surrounding S10 of human HIST3H3.

Host Rabbit

Reactivity Human

Form Liquid

Conjugation FITC

Purification Protein A/G purification

Isotype IgG1, kappa

Recommend Usage Flow Cytometry (5 μ L/ 10^6 cells)
The optimal working dilution should be determined by the end user.

Storage Buffer In PBS, pH 7.4 (0.2% BSA, 0.09% sodium azide).

Storage Instruction Store at 4°C.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Flow Cytometry

Flow cytometric analysis of HeLa cells with HIST3H3 (phospho S10) monoclonal antibody, clone 4B6 (FITC) (Cat # MAB23428). Unstained as negative control (blue) or untreated (red) or treated with nocodazole (green).

Gene Info — HIST3H3

Entrez GeneID [8290](#)

Gene Name HIST3H3

Gene Alias H3.4, H3/g, H3FT, H3t, MGC126886, MGC126888

Gene Description histone cluster 3, H3

Omim ID [602820](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations H3 histone family, member T|OTTHUMP00000037945|histone 3, H3

Pathway

- [Systemic lupus erythematosus](#)