

Histone H3 (Di Methyl Lys9) Monoclonal Antibody(3C2)

Description

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| Product type | Primary Antibody |
| Code | BT-MCA0699 |
| Host | Mouse |
| Isotype | IgG |
| Size | 20ul, 50ul, 100ul |
| Immunogen | Synthetic Peptide of Histone H3 (Di Methyl Lys9) |
| Mol wt | 15273 |
| Species reactivity | Human,Mouse,Rat |
| Clonality | Monoclonal |
| Recommended application | WB |
| Concentration | 1 mg/ml |
| Full name | Histone H3.2 |
| Synonyms | H3K9ME2; HIST1H3A; H3FA; HIST1H3B; H3FL; HIST1H3C; H3FC; HIST1H3D; H3FB; HIST1H3E; H3FD; HIST1H3F; H3FI; HIST1H3G; H3FH; HIST1H3H; H3FK; HIST1H3I; H3FF; HIST1H3J; H3FJ; Histone H3.1; Histone H3; a; Histone H3; b; Histone H3; c; Histone H3; d; Histone H3; f; Histone H3; h; Histone H3; i; Histone H3; j; Histone H3; k; Histone H3; l; HIST2H3A; HIST2H3C; H3F2; H3FM; HIST2H3D; Histone H3.2; Histone H3; m; Histone H3; o; H3F3A; H3.3A; H3F3; PP781; H3F3B; H3.3B; Histone H3.3 |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

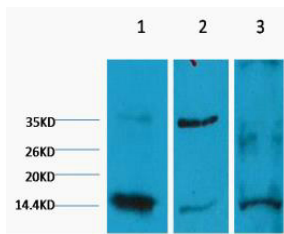
Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The 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 replication-dependent histone that is 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 the large histone gene cluster on chromosome 6p22-p21.3.

Recommended Dilution

WB: 1:1000-3000

Not yet tested in other applications.

Images



Western blot analysis of 1) HeLa, 2) Rat Heart Tissue, 3) Raw264.7 diluted at 1:2000.

Storage

-20°C for one year

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