

# Histone H3 (Tri Methyl Lys79) Monoclonal Antibody(1B7)

Catalog # AP63346

## Product Information

|                   |  |
|-------------------|--|
| Application       | WB   |
| Primary Accession | <a href="#">P68431</a> , <a href="#">Q71DI3</a> , <a href="#">P84243</a> |
| Reactivity        | Human, Mouse, Rat  |
| Host              | Mouse  |
| Clonality         | Monoclonal   |
| Calculated MW     | 15404  |

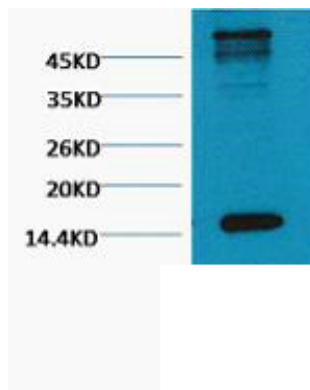
## Additional Information

|                    |   |
|--------------------|---|
| Gene ID            | 8350;8351;8352;8353;8354;8355;8356;8357;8358;8968   |
| Other Names        | 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 |
| Dilution           | WB~~WB: 1:500-2000  |
| Format             | PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50% Glycerol.  |
| Storage Conditions | -20°C   |

## Protein Information

|                   |  |
|-------------------|--|
| Name              | H3C1 ( <a href="#">HGNC:4766</a> )   |
| Synonyms          | H3FA, HIST1H3A   |
| Function          | Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling. |
| Cellular Location | Nucleus. Chromosome.   |

## Images



Western blot analysis of HeLa, diluted at 1:500. cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.