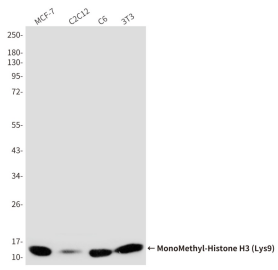
# MonoMethyl-Histone H3 (Lys9) (10F5) Mouse mAb (PBS Only)

**db6455-PBS** **Package：可询价**

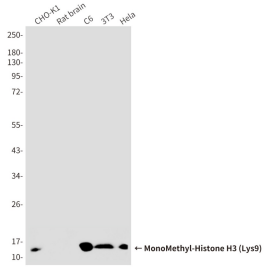
**Product Name :** MonoMethyl-Histone H3 (Lys9) (10F5) Mouse mAb (PBS Only)
**Cat.No.:** db6455-PBS
**Synonyms :** H3K9me; H3 histone; HIST1H3A; Histone cluster 1; H3a
**Application :** WB
**Reactivity :** Human, Mouse, Rat
**Host species :** Mouse

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|---|---|
| **Background** | 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.MiscellaneousThis histone is only present in mammals and is enriched in acetylation of Lys-15 and dimethylation of Lys-10 (H3K9me2). |
| **Immunogen** | Synthetic Peptide of Histone H3 (Mono Methyl Lys9) |
| **Gene ID** | 8350 |
| **Swiss Prot** | P68431 |
| **Synonyms** | H3K9me; H3 histone; HIST1H3A; Histone cluster 1; H3a |
| **Reactivity** | Human, Mouse, Rat |
| **Application** | WB |
| **Calculated MW** | 15 kDa |
| **Observed MW** | 15 kDa |
| **Host species** | Mouse |
| **Clonality** | Monoclonal |
| **Clonality No.** | 10F5-7A8-1B7 |
| **Isotype** | IgG1 |
| **Purity** | Affinity Purification |
| **Conjugation** | Un-conjugated |

| | |
|---|---|
| **Concentration** | 1 mg/mL |
| **Formulation** | PBS Only |
| **Storage Stability** | Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt. |




Western blot analysis of MonoMethyl-Histone H3 in MCF-7, C2C12, C6, 3T3 lysates using MonoMethyl-Histone H3 (Lys9) (10F5) antibody.




Western blot analysis of MonoMethyl-Histone H3 (Lys9) (10F5) in CHO-K1, rat brain, C6, 3T3, Hela lysates using MonoMethyl-Histone H3 (Lys9) (10F5) antibody.