# MonoMethyl-Histone H3 (Lys79) (9E3) Mouse mAb

**db6507** **Package：50μL 100μL**

**Product Name :** MonoMethyl-Histone H3 (Lys79) (9E3) Mouse mAb
**Cat.No.:** db6507
**Synonyms :** H3K79me; H3 histone; HIST1H3A; Histone cluster 1; H3a
**Application :** WB
**Reactivity :** Human, Mouse, Rat
**Host species :** Mouse

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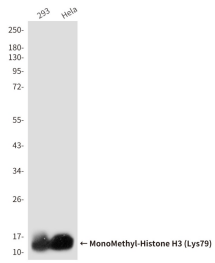
|---|---|
| **Background** | Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal 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 Lys79) |
| **Gene ID** | 8350 |
| **Swiss Prot** | P68431 |
| **Synonyms** | H3K79me; H3 histone; HIST1H3A; Histone cluster 1; H3a |
| **Reactivity** | Human, Mouse, Rat |
| **Application** | WB |
| **Recommended dilution** | WB: 1:500-1000 |
| **Calculated MW** | 15 kDa |
| **Observed MW** | 15 kDa |
| **Host species** | Mouse |
| **Clonality** | Monoclonal |
| **Clonality No.** | 9E3-5A9-8G2 |
| **Isotype** | IgG1 |
| **Purity** | Affinity Purification |

**Conjugation** Un-conjugated

**Storage Stability** Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.




Western blot analysis of MonoMethyl-Histone H3 (Lys79) (9E3) in 293, Hela lysates using MonoMethyl-Histone H3 (Lys79) (9E3) antibody.