

**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**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. Miscellaneous This 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**

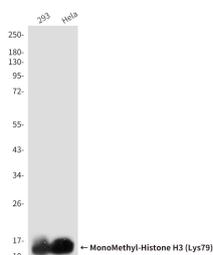
Affinity Purification

**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.