

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**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 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

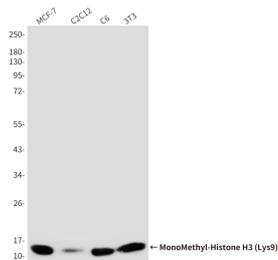
1 mg/mL

Formulation

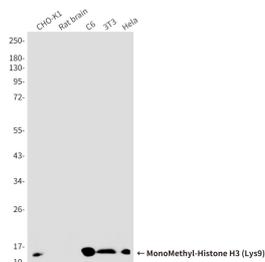
PBS Only

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.