MonoMethyl-Histone H3 (Lys9) (10F5) Mouse mAb

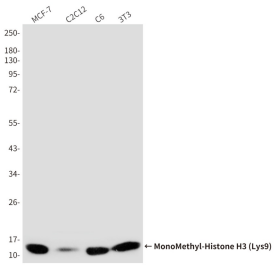
db6455 **Package : 50μL 100μL**

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

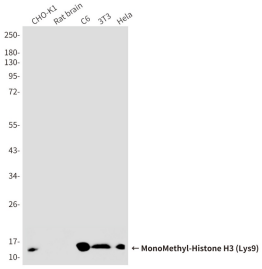
Background	Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.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
Recommended dilution	WB: 1:500-1000
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

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 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.