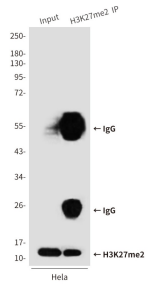
DiMethyl-Histone H3 (Lys27) (5F6) Mouse mAb

db6450 **Package : 50μL 100μL**

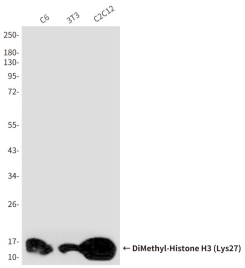
Product Name : DiMethyl-Histone H3 (Lys27) (5F6) Mouse mAb
Cat.No.: db6450
Synonyms : H3K27me2; H3 histone; HIST1H3A; Histone cluster 1; H3a
Application : WB, IP, ICC/IF
Reactivity : Human, Mouse, Rat
Host species : Mouse

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 (Di Methyl Lys27)
Gene ID	8350
Swiss Prot	P68431
Synonyms	H3K27me2; H3 histone; HIST1H3A; Histone cluster 1; H3a
Reactivity	Human, Mouse, Rat
Application	WB, IP, ICC/IF
Recommended dilution	WB: 1:500-1:1000 ICC/IF: 1:50-1:200 IP: 1:20
Calculated MW	15 kDa
Observed MW	15 kDa
Host species	Mouse
Clonality	Monoclonal
Clonality No.	5F6-6G6-6F9
Isotype	IgG1

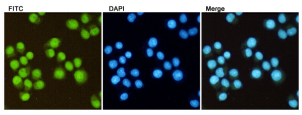
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



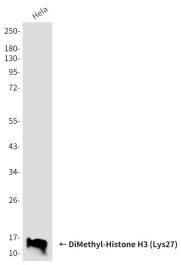
Immunoprecipitation analysis of DiMethyl-Histone H3 (Lys27) (5F6) in Hela lysates using DiMethyl-Histone H3 (Lys27) (5F6) antibody.



Western blot analysis of DiMethyl-Histone H3 (Lys27) (5F6) in C6, 3T3, C2C12 lysates using DiMethyl-Histone H3 (Lys27) (5F6) antibody



Immunocytochemistry analysis ofDiMethyl-Histone H3 (Lys27) in HeLa cells using DiMethyl-Histone H3 (Lys27) (5F6) antibody.



Western blot analysis of DiMethyl-Histone H3 (Lys27) (5F6) in Hela, rat heart, mouse heart, HUVEC, Jurkat lysates using DiMethyl-Histone H3 (Lys27) (5F6) antibody.