

DIMETHYL-HISTONE H3 (LYS27) (5F6) MOUSE MAB

Cat.#: N261236

Product Name: Anti-DiMethyl-Histone H3 (Lys27) (5F6) Mouse Monoclonal Antibody

Synonyms: H3K27me₂; H3 histone; HIST1H3A; Histone cluster 1; H3a

UNIPROT ID: P68431

Background: H3 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.

Immunogen: Synthetic Peptide of Histone H3 (Di Methyl Lys27)

Applications: WB, ICC/IF, IP

Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

Host Species: Mouse

Clonality: Mouse Monoclonal

Clone ID: 5F6-6G6-6F9

MW: Calculated MW: 15 kDa; Observed MW: 15 kDa

Isotype: IgG1

Purification: Affinity Purified

Species Reactivity: Human, Mouse, Rat

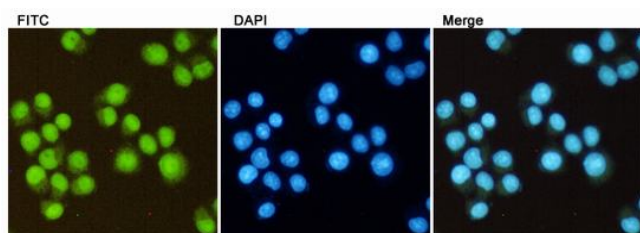
Conjugation: Unconjugated

Modification: Methylated

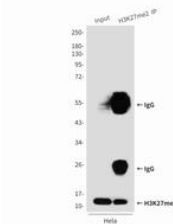
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Epigenetics, Histone methylation

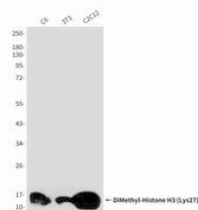
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



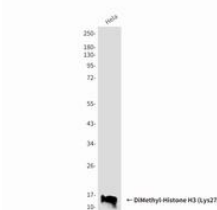
Immunocytochemistry analysis of DiMethyl-Histone H3 (Lys27) in HeLa cells using DiMethyl-Histone H3 (Lys27) (5F6) antibody.



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.



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.