

**DiMethyl-Histone H3 (Lys27) (5F6) monoclonal antibody**

Catalog: MB3192

Host: Mouse

Reactivity: Human, Mouse, Rat

**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.

**Product:**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

**Molecular Weight:**

Calculated MW: 15 kDa; Observed MW: 15 kDa

**Swiss-Prot:**

P68431

**Purification&Purity:**

Affinity Purified

**Applications:**

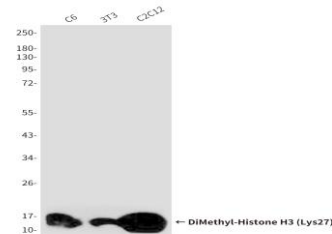
WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

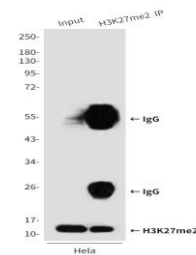
IgG1

**DATA:**

Immunoprecipitation analysis of DiMethyl-Histone H3 in HeLa lysates using DiMethyl-Histone H3 antibody.

Western blot analysis of DiMethyl-Histone H3 in C6, 3T3, C2C12 lysates using DiMethyl-Histone H3 antibody

Immunocytochemistry analysis of DiMethyl-Histone H3 in HeLa cells using DiMethyl-Histone H3 antibody.



Western blot analysis of DiMethyl-Histone H3 in HeLa, rat heart, mouse heart, HUVEC, Jurkat lysates using DiMethyl-Histone H3 antibody.

**Note:**

For research use only, not for use in diagnostic procedure.

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