

TriMethyl-Histone H3 (Lys79) (6A6) Mouse mAb

db6447

Package : 50µL 100µL

Product Name : TriMethyl-Histone H3 (Lys79) (6A6) Mouse mAb

Cat.No.: db6447

Synonyms : H3K79me3; H3 histone; HIST1H3A; Histone cluster 1; H3a

Application : WB, IHC-Fr, IHC-P, ICC/IF, IP

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 (Tri Methyl Lys79)

Gene ID

8290

Swiss Prot

P68431

Synonyms

H3K79me3; H3 histone; HIST1H3A; Histone cluster 1; H3a

Reactivity

Human, Mouse, Rat

Application

WB, IHC-Fr, IHC-P, ICC/IF, IP

Recommended dilution

WB: 1:500-1:1000

IHC: 1:50-1:100

ICC/IF: 1:50-1:200

IP: 1:20

Calculated MW

15 kDa

Observed MW

15 kDa

Host species

Mouse

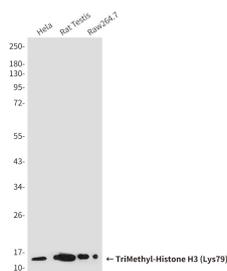
Clonality

Monoclonal

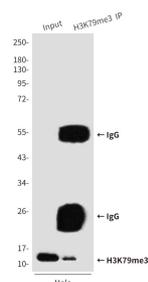
Clonality No.

6A6-5D1-10A10

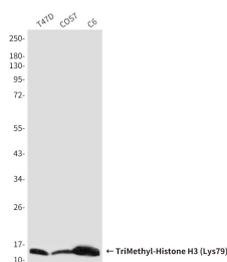
Isotype	IgG1
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



Western blot analysis of TriMethyl-Histone H3 (Lys79) in HeLa, rat Testis , Raw264.7 lysates using Histone H3 (tri methyl K79) (3G3) antibody.



Immunoprecipitation analysis of TriMethyl-Histone H3 (Lys79) (6A6) in HeLa lysates using TriMethyl-Histone H3 (Lys79) (6A6) antibody



Western blot analysis of TriMethyl-Histone H3 (Lys79) (6A6) in T47D, COS7 and C6 lysates using TriMethyl-Histone H3 (Lys79) antibody.