

Histone H3 (di methyl K27) Mouse Monoclonal Antibody(3B12)

Catalog	TDY128C	TDY128F
Quantity	50 μ L	100 μ L

Tel: 010-82908854
Free: 400-0620-621
Web: www.tdybio.com

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB, IP, IHC	H, R, M	15KD	IgG1

Storage Buffer & Condition: PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.
Store at **-20°C. Do not aliquot the antibody.**

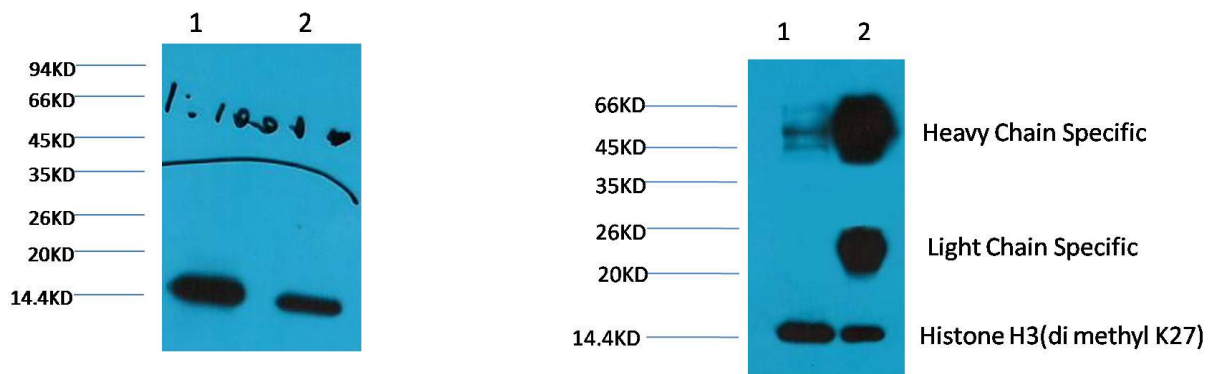
Recommended dilutions: WB: 1:1,000-3,000 IP:1:200 IHC: 1:200-500

Optimal dilutions should be determined by the end user.

Specificity: Antibody can detects endogenous Histone H3 (di methyl K27)protein.

Alternative Names: H3 histone antibody, HIST1H3A antibody, Histone cluster 1, H3a antibody

Background: Histone H3 is one of the five main histone proteins involved in the structure of chromatin in eukaryotic cells. 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.



Western blot analysis of HeLa with Histone H3 (di methyl K27) (1E10) Mouse

MAb diluted at

1) 1:1,000

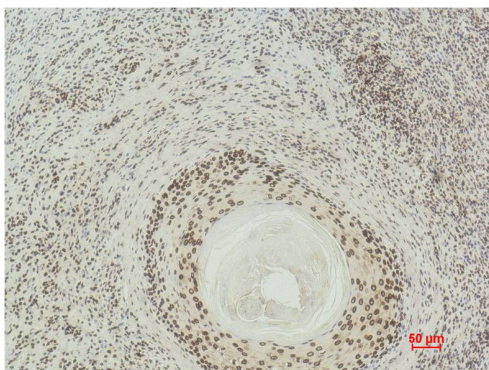
2) 1:3,000

1、 Input: HeLa Cell Lysate

2、 IP product: IP dilute 1:200

Western blot analysis: primary antibody : TDY128 1:2,000

Secondary antibody: Goat anti-Mouse IgG(H+L) (S001) 1:10,000



Immunohistochemical analysis of paraffin-embedded Human Skin using
Histone H3(di methyl K27) (TDY128) Mouse mAb diluted at 1:500.