

Histone H3 (tri methyl K79) Mouse Monoclonal Antibody(3G3)

Catalog	TDY118C	TDY118F
Quantity	50 μ L	100 μ L

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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.**

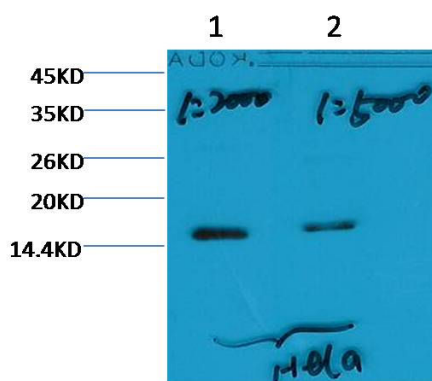
Recommended dilutions: WB: 1:500-2,000 IP:1:200 IHC: 1:200-500

Optimal dilutions should be determined by the end user.

Specificity: Antibody can detects endogenous Histone H3 (tri methyl K79) protein.

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

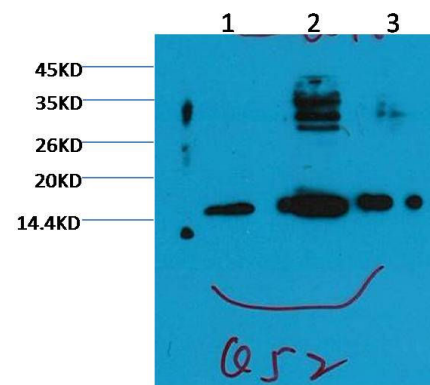
Background: Histone H3 is one of the five main histone proteins involved in the structure of chromatin in eukaryotic cells. Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability.



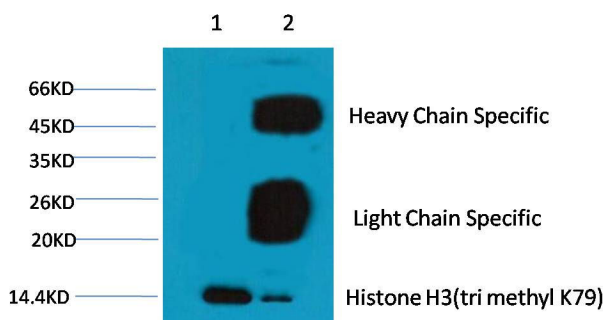
Western blot analysis of HeLa with Histone H3 (tri methyl K79) Mouse mAb(3G3) diluted at

1) 1:2,000

2) 1:5,000



Western blot analysis of 1) HeLa, 2) Rat Testis tissue, 3) Raw264.7 with Histone H3 (tri methyl K79) (3G3) Mouse MAb diluted at 1:2000.

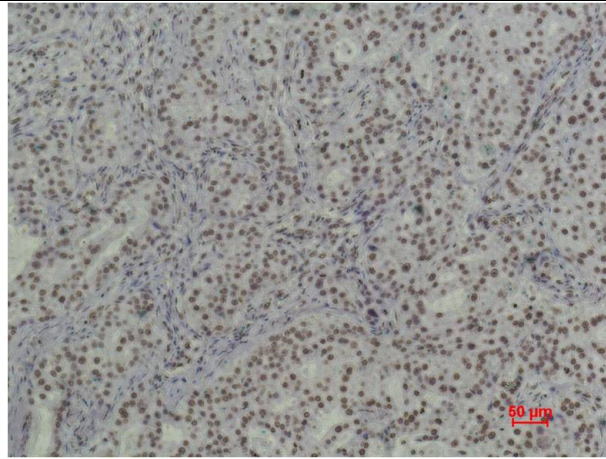


1、 Input: HeLa Cell Lysate

2、 IP product: IP dilute 1:200

Western blot analysis: primary antibody : TDY118 1:1,000

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



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma using Histone H3(tri methyl K79) (TDY118) Mouse mAb diluted at 1:500.