Histone H3 (tri methyl K79) Mouse Monoclonal Antibody(1B7)

Catalog	TDY119C	TDY119F
Quantity	50μL	100μL

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

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB, 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***.

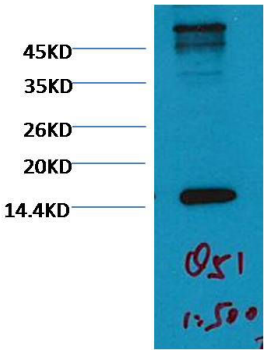
Recommended dilutions: **WB: 1:500-2,000 IHC: 1:200-500**

Optimal dilutions should be determined by the end user.

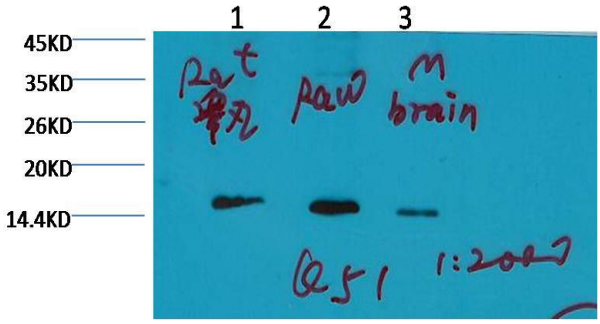
Specificity: Antibody can detects endogenous Histone H3 (tri methyl K79) protein.

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

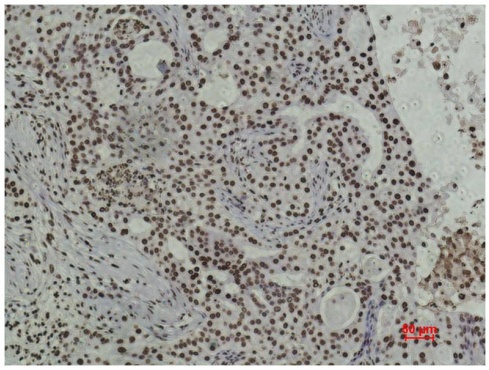
Background: Histone H3 is one of the five main histone proteins involved in the structure of chromatin in eukaryotic cells. Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby 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) (1B7) Mouse MAb diluted at 1:500.



Western blot analysis of 1) Rat Testis tissue, 2) Raw264.7, 3) Mouse Brain tissue with Histone H3 (tri methyl K79) (1B7) Mouse MAb diluted at 1:2000.



Immunohistochemical analysis of paraffin-embedded Human Breast Caricnoma using Histone H3(tri methyl K79)（TDY119） Mouse mAb diluted at 1:500.

Applications: ***WB-Western blot IHC-Immunochemistry IF-Immunofluorescence IP-Immunoprecipitation ChIP-Chormatin Immunoprecipitation***
Reactivity: ***H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig***