

Histone H3 (tri methyl K79) Mouse Monoclonal Antibody(5D8)

Catalog TDY121C TDY121F

Tel: 010-82908854

Quantity 50 μ L 100 μ L

Free: 400-0620-621

Web: www.tdybio.com

For research use only.

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

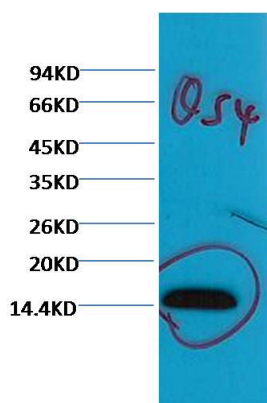
Recommended dilutions: WB: 1:500-2,000

Optimal dilutions should be determined by the end user.

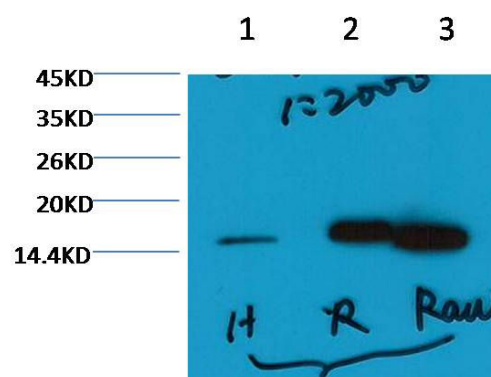
Specificity: Antibody can detects endogenous Histone H3 (tri methyl K79) protein.

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

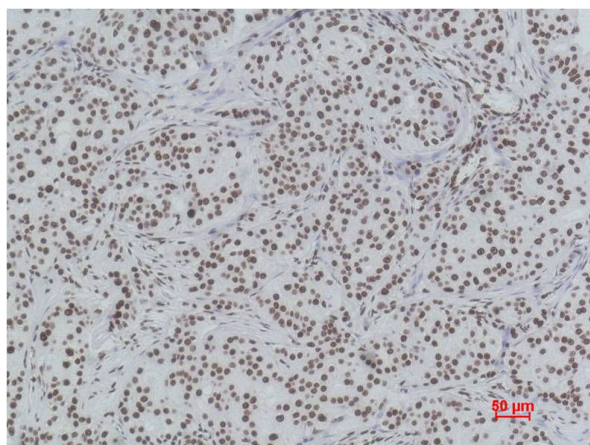
Background: Histone H3 is one of the five main histone proteins involved in the structure of chromatin in eukaryotic cells. Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby 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) (5D8) Mouse MAb diluted at 1:1,000.



Western blot analysis of 1) HeLa, 2) Rat Testis tissue, 3) Raw264.7 with Histone H3 (tri methyl K79) (5D8) Mouse MAb diluted at 1:2000.



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma using Histone H3(tri methyl K79) (TDY121) Mouse mAb diluted at 1:500.