

Histone H3(mono methyl K9) Mouse Monoclonal Antibody(1E8)

Catalog	TDY137C	TDY137F
Quantity	50 μ L	100 μ L

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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: 1:1,000-3,000 IHC: 1:200-500

Optimal dilutions should be determined by the end user.

Specificity: The Histone H3(di methyl K9) antibody can detects endogenous Histone H3(di methyl K9) protein.

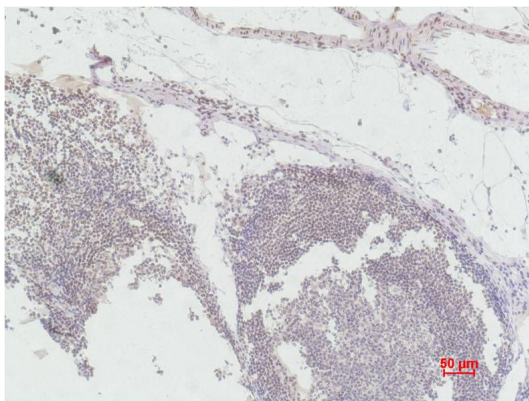
Alternative Names: H3 histone antibody, HIST1H3A antibody, Histone cluster 1, H3a antibody

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 1) Rat Testis Tissue, 2) Raw264.7 with TDY137 diluted at 1:1000.

Western blot analysis of Hela with TDY137 diluted at
1) 1:2,000
2) 1:5,000



Immunohistochemical analysis of paraffin-embedded Human Colon using Histone H3(mono methyl K9) (TDY137) Mouse mAb diluted at 1:500.