

Histone H3 Mouse Monoclonal Antibody(1G1)

Catalog TDY055C TDY055F

Tel: 010-82908854

Free: 400-0620-621

Quantity 50μL 100μL

Web: www.tdybio.com

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB, IF, IP	H, R, M, Yeast	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.**

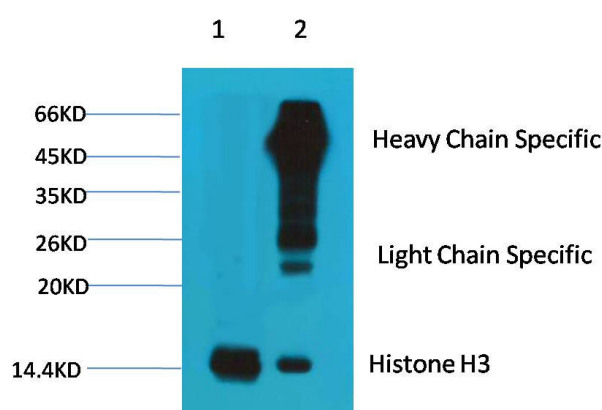
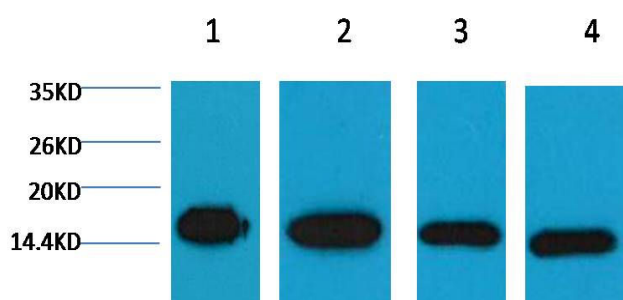
Recommended dilutions: WB: 1:2,000-5,000 IF:1:100-500 IP:1:200

Optimal dilutions should be determined by the end user.

Specificity: The Histone H3 antibody can detects endogenous Histone H3 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) HeLa, 2) Raw, 3) Mouse Brain Tissue, 4) Rat Brain Tissue with TDY055 diluted at 1:5,000.

1、Input: HeLa Cell Lysate

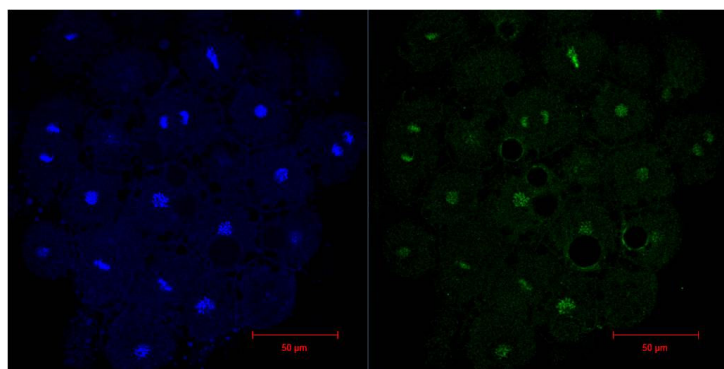
2、IP product: IP dilute 1:200

Western blot analysis: primary antibody : TDY055

1:2,000

Secondary antibody: Goat anti-Mouse IgG(H+L) (S001)

1:10,000



IF analysis of HeLa with DAPI (Left) and TDY055(Right) diluted at 1:200.

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