

Histone H3(Mono Methyl Lys4) Rabbit Polyclonal Antibody

Catalog TDY295C TDY295F

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, IHC | H, R, M | 15-17KD | IgG |

Storage Buffer & Condition: Antigen Affinity Purified Rabbit IgG, 1mg/ml in PBS pH7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.

Store at **-20°C**. **Do not aliquot the antibody.**

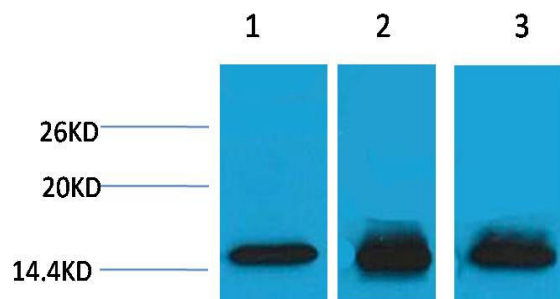
Recommended dilutions: WB: 1:500-1,000 IHC: 1:200-500

Optimal dilutions should be determined by the end user.

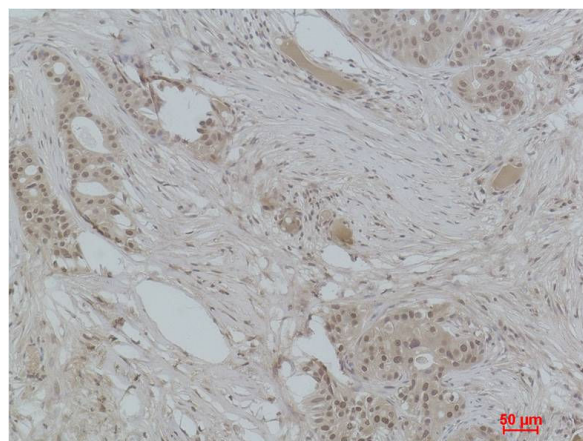
Specificity: The Histone H3(Mono Methyl Lys4) Rabbit Polyclonal Antibody can detects endogenous Histone H3 (Mono Methyl Lys4) protein.

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) Raw264.7, 3) Rat Testis Tissue with Histone H3 (Mono Methyl Lys4) Rabbit pAb TDY295 diluted at 1:1,000.



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma using Histone H3 (Mono Methyl Lys4) (TDY295) Rabbit pAb diluted at 1:500.