

## Histone H3 (tri methyl K36) Mouse Monoclonal Antibody (Q12)

Catalog TDY115C TDY115F

Tel: 010-82908854

Quantity 50μL 100μL

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.**

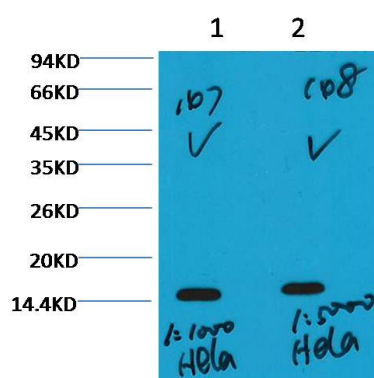
**Recommended dilutions:** WB: 1:1,000-3,000 IHC: 1:200-500

**Optimal dilutions should be determined by the end user.**

**Specificity:** Antibody can detects endogenous Histone H3(tri methyl K36) 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.

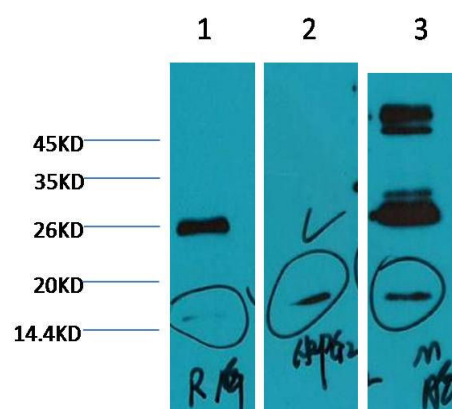


Western blot analysis of HeLa with Histone H3 (tri methyl K36) (Q12) Mouse

mAb diluted at

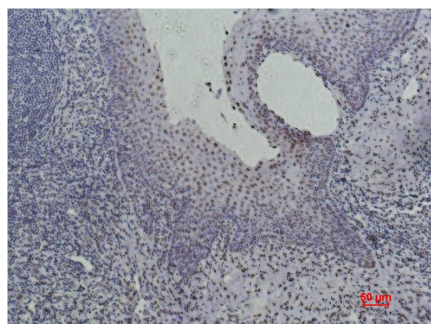
1) 1:1,000

2) 1:5,000



Western blot analysis of 1) Rab Spleen, 2) HepG2, 3) Mouse Spleen tissue

with Histone H3 (tri methyl K36) (Q12) Mouse mAb diluted at 1:2,000



Immunohistochemical analysis of paraffin-embedded Human Tonsil using

Histone H3(tri methyl K36) (TDY115) Mouse mAb diluted at 1:500.

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