



Anti-Histone H3 Mouse Monoclonal Antibody(2F3)

Catalog No.	EM31019-01	EM31019-02
Size	50 μ l	100 μ l

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.

Molecular Weight: 15KD

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

Optimal dilutions should be determined by the end user.

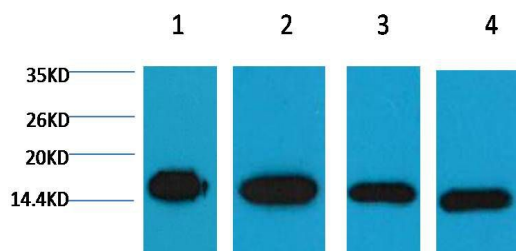
species reactivity: Human Rat Mouse

Specificity: The Histone H3 antibody can detect endogenous Histone H3 protein.

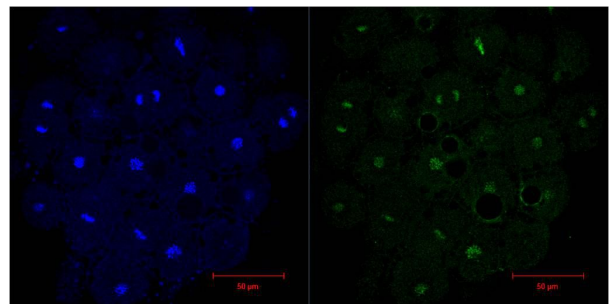
Form: Liquid ,1mg/ml

Storage buffer: PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol

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



Western blot analysis of 1) HeLa, 2) Raw, 3) Mouse Brain Tissue, 4) Rat Brain Tissue with Histone H3 diluted at 1:5,000.



IF analysis of HeLa with DAPI (Left) and Histone H3 mAb(Right) diluted at 1:200.