



ELK Biotechnology

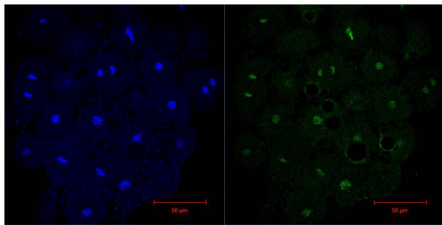
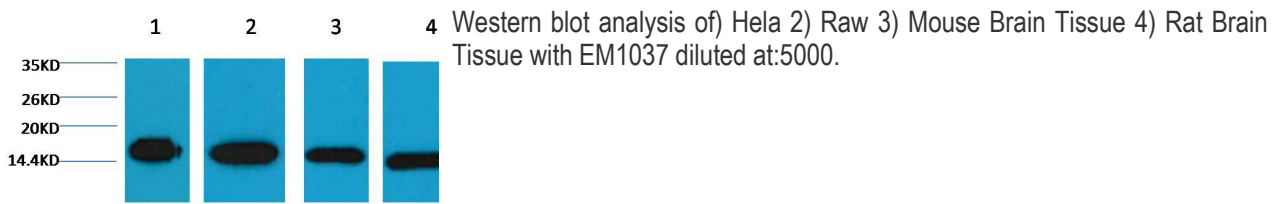
Histone H3 Mouse mAb

Catalog NO.: EM1037

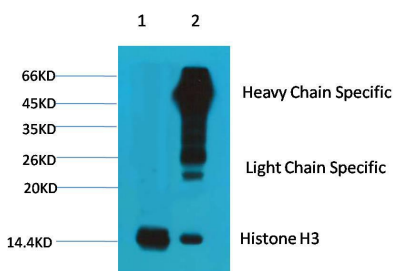
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Overview

Product name	Histone H3 Mouse Monoclonal antibody
Source	Mouse
Applications	WB IHC IF IP
Species reactivity	Human Mouse Rat Yeast
Recommended dilutions	WesternBlot:1/2000-5000 Immunoprecipitation:1/200 Immunofluorescence:1/200 NOTE: Optimal dilutions should be determined by the end user.
Immunogen	Recombinant Protein
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG1
Clonality	Monoclonal
Concentration	1 mg/ml
Observed band	15kDa
GeneID (Human)	8290
Human Swiss-Prot No.	P68431
Cellular localization	NucleusChromosome
Alternative Names	H3 histone antibody HIST1H3A antibody Histone cluster 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.



IF analysis of HeLa with DAPI (Left) and EM1037(Right) diluted at:200.



1、 Input: HeLa Cell Lysate 2、 IP product: IP dilute:200 Western blot analysis: primary antibody : EM1037:2000 Secondary antibody: Goat anti-Mouse IgG(H+L) (S001):10000

