



ELK Biotechnology

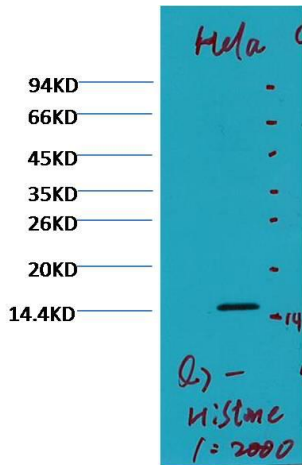
Histone H3 (di methyl K79) Monoclonal antibody

Catalog NO.: EM1087

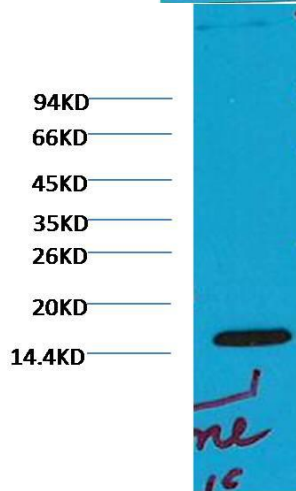
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Overview

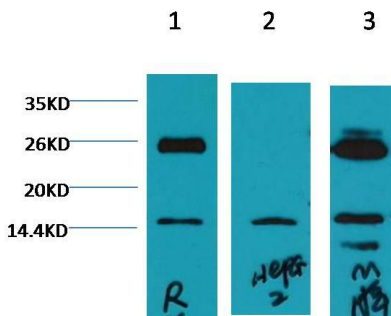
Product name	Histone H3 (di methyl K79) Mouse Monoclonal antibody
Source	Mouse
Applications	WB IHC
Species reactivity	Human Rat Mouse
Recommended dilutions	WesternBlot:1/500-2000 Immunohistochemistry:1/200-500 NOTE: Optimal dilutions should be determined by the end user.
Immunogen	Synthetic Peptide
Species	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
GenelD (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.



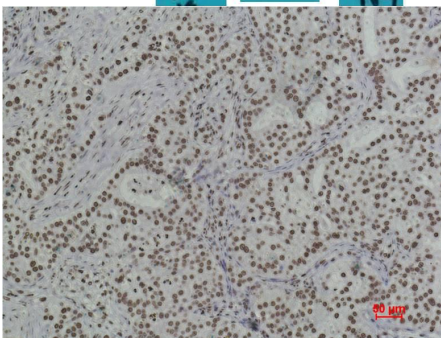
Western blot analysis of HeLa with Histone H3 (di methyl K79) (Q7) Mouse mAb diluted at 1:2000



Western blot analysis of 293T with Histone H3 (di methyl K79) (Q7) Mouse mAb diluted at 1:2000



Western blot analysis of 1) Rab Spleen 2) HepG2 3) Mouse Spleen tissue with Histone H3 (di methyl K79) (Q7) Mouse mAb diluted at:2000



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma using Histone H3(di methyl K79) (EM1087) Mouse mAb diluted at:500.