



ELK Biotechnology

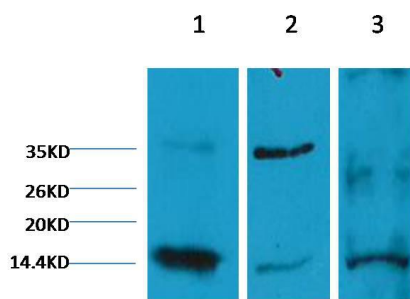
Histone H3(di methyl K9) Monoclonal antibody

Catalog NO.: EM1108

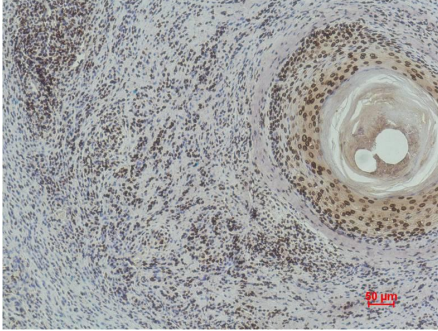
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Overview

Product name	Histone H3(di methyl K9) Mouse Monoclonal antibody
Source	Mouse
Applications	WB IP IHC
Species reactivity	Human Rat Mouse
Recommended dilutions	WesternBlot:1/1000-3000 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 2) Rat Heart Tissue 3) Raw264.7 with EM1108 diluted at:2000.



Immunohistochemical analysis of paraffin-embedded Human Skin using Histone H3(di methyl K9) (EM1108) Mouse mAb diluted at:500.