



ELK Biotechnology

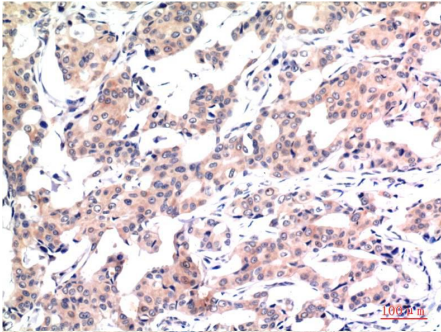
Acetyl-Histone H3 (K9) (2E7) Mouse mAb

Catalog NO.: EM1292

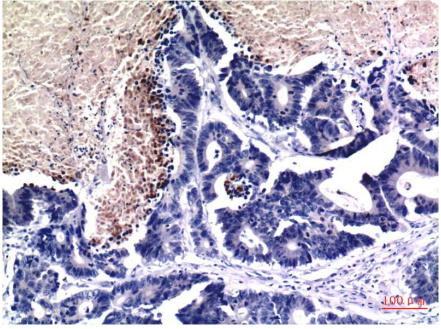
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Overview

Product name	Acetyl-Histone H3 (K9) (2E7) Mouse Monoclonal antibody
Source	Mouse
Applications	IHC
Species reactivity	Human Rat Mouse
Recommended dilutions	Immunohistochemistry:1/100-200 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
GeneID (Human)	8290
Human Swiss-Prot No.	P68431
Cellular localization	NucleusChromosome
Alternative Names	H3 histone antibody HIST1H3A antibody Histone cluster H3a antibody
Background	Histone H3Is one of the five main histone proteinsInvolvedIn the structure of chromatinIn eukaryotic cells. Core component of nucleosome. Nucleosomes wrap and compact DNAInto chromatin limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central roleIn transcription regulation DNA repair DNA replication and chromosomal stability.



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma Tissue using Acetyl Histone H3 K9 (EM1292) Mouse mAb diluted at:200.



Immunohistochemical analysis of paraffin-embedded Human Stomach Tissue using Acetyl Histone H3 K9 (EM1292) Mouse mAb diluted at:200.