Acetyl-Histone H3 (Lys9) (10F10) Mouse mAb

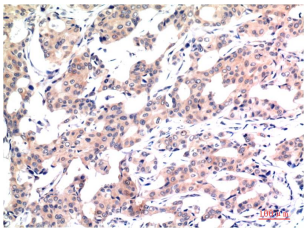
db6557 **Package : 50μL 100μL**

Product Name : Acetyl-Histone H3 (Lys9) (10F10) Mouse mAb
Cat.No.: db6557
Synonyms : H3K9ac; H3/j; H3C1; H3C2; H3C3; H3C4; H3C6; H3C7; H3C8; H3FJ; H3C10; H3C11; HIST1H3J
Application : IHC-P
Reactivity : Human, Rat, Mouse
Host species : Mouse

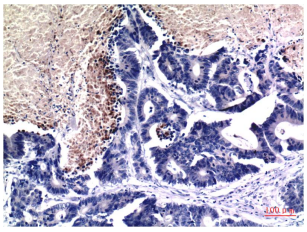
Background	Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.MiscellaneousThis histone is only present in mammals and is enriched in acetylation of Lys-15 and dimethylation of Lys-10 (H3K9me2).
Immunogen	Synthetic peptide conjugated to KLH
Gene ID	8350
Swiss Prot	P68431
Synonyms	H3K9ac; H3/j; H3C1; H3C2; H3C3; H3C4; H3C6; H3C7; H3C8; H3FJ; H3C10; H3C11; HIST1H3J
Reactivity	Human, Rat, Mouse
Application	IHC-P
Recommended dilution	IHC: 1:50-1:100
Calculated MW	15 kDa
Host species	Mouse
Clonality	Monoclonal
Clonality No.	10F10-1B8-4H3
Isotype	IgG1
Purity	Affinity Purification
Conjugation	Un-conjugated

Storage Stability

Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



Immunohistochemistry analysis of paraffin-embedded Human Breast Carcinoma Tissue using Acetyl-Histone H3 (Lys9) (10F10) antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemical analysis of paraffin-embedded Human tonsils using Acetyl-Histone H3 (Lys9) (10F10) antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.