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Acetyl-Histone H3 (K9) Monoclonal Antibody(2E7)

Catalog # AP63759

Specification

Acetyl-Histone H3 (K9) Monoclonal Antibody(2E7) - Product Information

Application	**IHC**
Primary Accession	P68431
Reactivity	**Human, Rat, Mouse**
Host	**Mouse**
Clonality	**Monoclonal**

Acetyl-Histone H3 (K9) Monoclonal Antibody(2E7) - Additional Information

Gene ID 8350;8351;8352;8353;8354;8355;8356;8357;8358;8968

Other Names
HIST1H3A

Dilution
IHC~~IHC 1:100-200

Format
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions
-20℃

Acetyl-Histone H3 (K9) Monoclonal Antibody(2E7) - Protein Information

Name H3C1 (HGNC:4766)

Synonyms H3FA, HIST1H3A

Function
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.

Cellular Location
Nucleus. Chromosome.

Acetyl-Histone H3 (K9) Monoclonal Antibody(2E7) - Protocols

Provided below are standard protocols that you may find useful for product applications.

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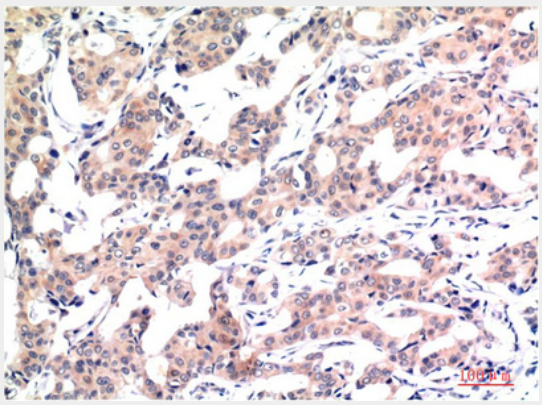
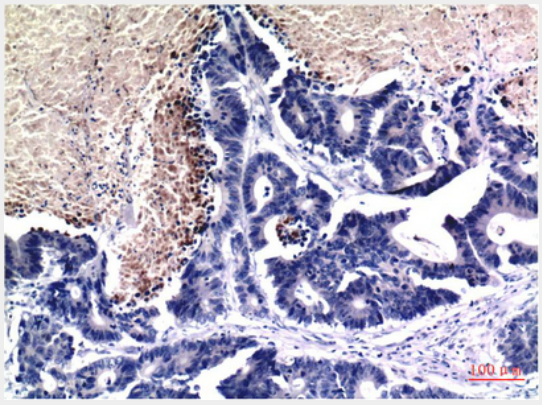
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Acetyl-Histone H3 (K9) Monoclonal Antibody(2E7) - Images





Acetyl-Histone H3 (K9) Monoclonal Antibody(2E7) - 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.