

Histone H3K9acS10ph (Acetyl Lys9/phospho Ser10) antibody

Cat. No. GTX12181

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse, Rat, Drosophila, Bovine, Chicken, Caenorhabditis elegans, Frog

Package
50 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1,000
ICC/IF	1:1,000
IHC-P	Assay dependent

Not tested in other applications.

Properties

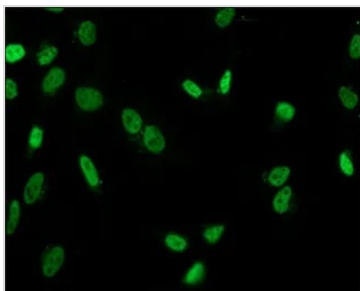
Form	Liquid
Buffer	PBS
Preservative	15mM Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	synthetic acetylated and phosphorylated [Ac-Lys9, pSer10] histone H3 peptide (amino acids 7-20) corresponding to the N-terminus of human histone H3. The sequence is identical in many species including mouse, rat, bovine, chicken, frog, Drosophila, and C. elegans, and is highly conserved (single amino acid substitution) in Tetrahymena histone H3.
Purification	IgG fraction
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



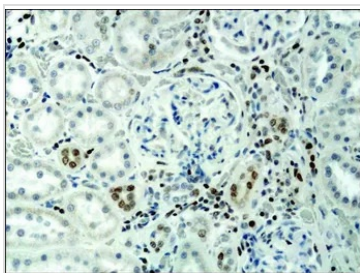
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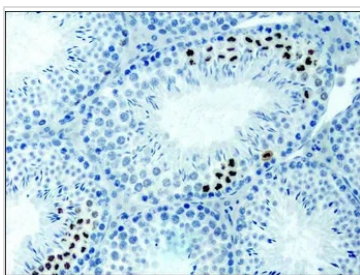
DATA IMAGES

**GTX12181 ICC/IF Image**

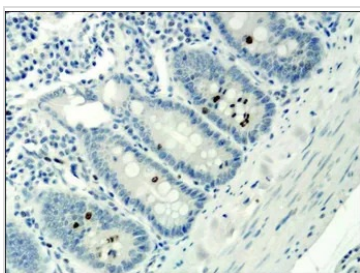
ICC/IF analysis of HeLa cells using GTX12181 Histone H3K9acS10ph (phospho Ser10, acetyl Lys9) antibody at 1:500. Cells were fixed and permeabilized with 4% PFA followed by 0.5% Triton X-100.

**GTX12181 IHC-P Image**

IHC-P analysis of rat kidney tissue using GTX12181 Histone H3K9acS10ph (phospho Ser10, acetyl Lys9) antibody at 0.2 µg/mL.

**GTX12181 IHC-P Image**

IHC-P analysis of mouse testis tissue using GTX12181 Histone H3K9acS10ph (phospho Ser10, acetyl Lys9) antibody at 0.4 µg/mL.

**GTX12181 IHC-P Image**

IHC-P analysis of rat duodenum tissue using GTX12181 Histone H3K9acS10ph (phospho Ser10, acetyl Lys9) antibody at 0.2 µg/mL.



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