BT LAB
Bioassay Technology Laboratory

Optimize Your Research

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

Description

Product type	Primary Antibody
Code	BT-MCA0131
Host	Mouse
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthetic Peptide of Acetyl-Histone H3 (K9)
Mol wt	N/A
Species reactivity	Human,Rat,Mouse
Clonality	Monoclonal
Recommended application	IHC-p, IF
Concentration	1 mg/ml
Full name	HIST1H3A
Synonyms	HIST1H3A; H3k9AC

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

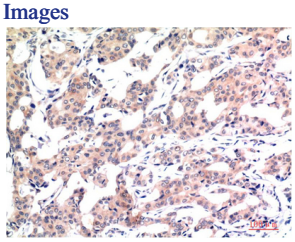
Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H3 family. Transcripts from this gene lack polyA tails| instead, they contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6p22-p21.3.

Recommended Dilution

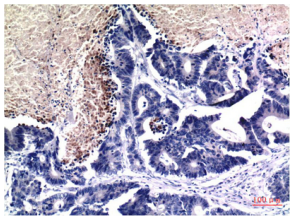
IHC: 1:100-200

Not yet tested in other applications.

Images



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma Tissue using Acetyl Histone H3 K9 Mouse Monoclonal antibody diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Human Stomach Tissue using Acetyl Histone H3 K9 Mouse Monoclonal antibody diluted at 1:200.

Storage

-20°C for one year

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