

Anti-Tri-methyl-HIST1H3A (Lys27) Polyclonal Antibody

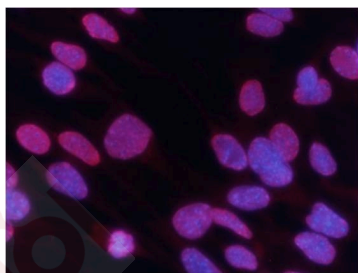
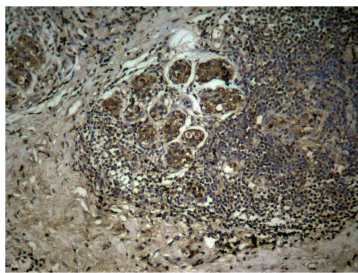
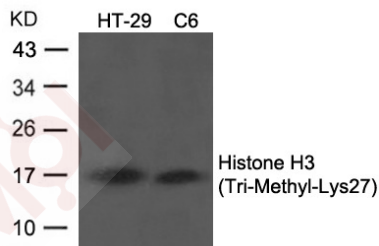
Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Actual: 17 kDa.
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

Applications

Verified Activity:

1. Western blot analysis of extracts from HT29 and C6 cells using Histone H3 (Tri-Methyl-Lys27) Antibody TMAC-01910.
2. Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Histone H3 (Tri-Methyl-Lys27) Antibody TMAC-01910.
3. Immunofluorescence staining of methanol-fixed MEF cells using Histone H3 (Tri-Methyl-Lys27) Antibody TMAC-01910.



Application: IF,IHC,WB

A DRUG SCREENING EXPERT

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Peptide sequence around Tri-Methylation site of lysine 27(A-R-K(tri-methyl)-S-A) derived from Human Histone H3

Antigen Species: Human

Uniprot ID: P68431

Synonyms: Tri-Me-HIST1H3A (K27);Tri-methyl-HIST1H3A (K27);TriMe-H3K27;Histone H3K27-trimethylated; H3K27me3;Tri-Me-HIST1H3A (Lys27)

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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