TRIMETHYL-HISTONE H3 (LYS27) RABBIT MAB

Cat.#: N263146

Product Name: Anti-TriMethyl-Histone H3 (Lys27) Rabbit Monoclonal Antibody

Synonyms: H3K27me3; H3 histone; HIST1H3A; Histone cluster 1; H3a

UNIPROT ID: P68431

Background: H3 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.

Immunogen: A synthetic methyl-peptide corresponding to residues surrounding Lys27 of human Histone H3

Applications: WB,IHC-F,IHC-P,ICC/IF,IP,ChIP

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20 ChIP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R01-8I4

MW: Calculated MW: 15 kDa; Observed MW: 15 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human,Rat

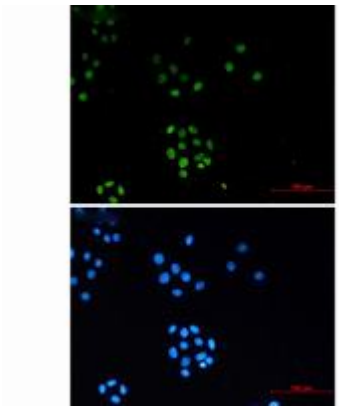
Conjugation: Unconjugated

Modification: Methylated

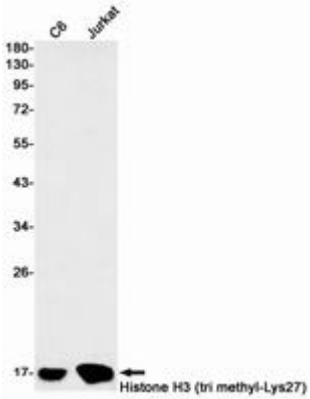
Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: EpigeneticsyyyyyHistone methylation

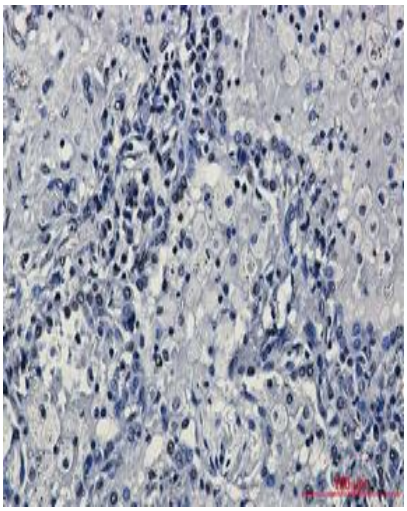
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunocytochemistry analysis of TriMethyl-Histone H3 (Lys27) (green) in Hela using TriMethyl-Histone H3 (Lys27) antibody,and DAPI(blue)



Western blot analysis of Histone H3 (tri methylLys27) in C6, Jurkat lysates using TriMethyl-Histone H3 (Lys27) antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using TriMethyl-Histone H3 (Lys27) antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.