MonoMethyl-Histone H3 (Lys4) polyclonal antibody

Catalog: BZ17063 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone 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 member of the histone H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is located separately from the other H3 genes that are in the histone gene cluster on chromosome 6p22-p21.3.

Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

Molecular Weight:

Calculated MW: 16 kDa; Observed MW: 16 kDa

Swiss-Prot:

Q16695

Purification&Purity:

Affinity Purified

Applications:

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

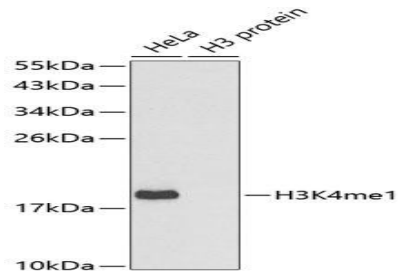
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

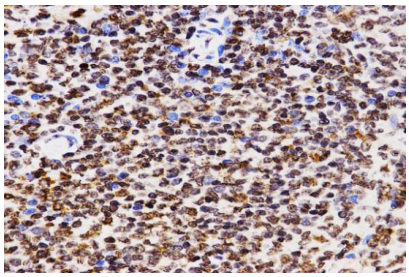
Isotype:

IgG

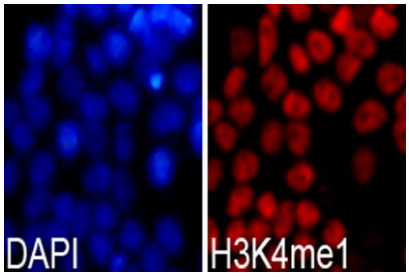
DATA:



Western blot analysis of MonoMethyl-Histone H3 in various cell lines lysates using MonoMethyl-Histone H3-K4 antibody.



MonoMethyl-Histone H3-K4 antibody Dotblot analysis of all sorts of methylation peptides using MonoMethyl-Histone H3-K4 antibody.



Immunohistochemistry analysis of paraffin-embedded rat spleen using MonoMethyl-Histone H3-K4 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Immunohistochemistry analysis of paraffin-embedded Human thyroid cancer using MonoMethyl-Histone H3-K4 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note:

For research use only, not for use in diagnostic procedure.

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