

A Reliable Research Partner in Life Science and Medicine

Recombinant Histone H3 (Di Methyl Lys79) Monoclonal Antibody

catalog number: AN301181L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human; Mouse; Rat

Immunogen A synthetic peptide corresponding to residues around (Di Lys79) of Human Methyl-

Histone H3

 Host
 Rabbit

 Isotype
 IgG,κ

 Clone
 B940

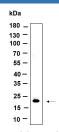
 Purification
 Protein A

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

IHC 1:500-1:2000 WB 1:2000-1:10000

Data



Western Blot with Recombinant Histone H3 (Di Methyl Lys79) Monoclonal Antibody at dilution of 1:1000 dilution.

Lane A: NIH/3T3 lysate.

Immunohistochemistry of paraffin-embedded human pancreas using Recombinant Histone H3 (Di Methyl Lys79) Monoclonal Antibody at dilution of 1:200.

Observed-MW:17 kDa Calculated-MW:15 kDa

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

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.

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