

A Reliable Research Partner in Life Science and Medicine

Recombinant Phospho-Histone H3 (Ser10, Thr11) Monoclonal Antibody

catalog number: AN301136L

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

Description

Reactivity Human; Mouse; Rat

Immunogen A synthetic peptide corresponding to residues around (Ser10, Thr11) of Human

Phospho-Histone H3

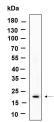
HostRabbitIsotypeIgG,κCloneB891PurificationProtein A

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

Applications Recommended Dilution

IHC 1:200-1:1000 WB 1:2000-1:10000

Data



Western Blot with Recombinant Phospho-Histone H3 (Ser10, Thr11) Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: Hela.

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

Immunohistochemistry of paraffin-embedded human testis using Recombinant Phospho-Histone H3 (Ser10, Thr11)

Monoclonal Antibody at dilution of 1:200.

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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