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Recombinant Phospho-Histone H2A.X (Ser139) Monoclonal Antibody

catalog number: AN300977L

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

Description

Reactivity Human; Mouse; Rat

Immunogen A synthetic peptide corresponding to residues around (Ser139) of Human Phospho-

Histone H2A.X

 Host
 Rabbit

 Isotype
 IgG,κ

 Clone
 B728

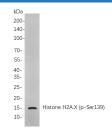
 Purification
 Protein A

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

Applications Recommended Dilution

WB 1:1000-1:5000

Data



Western Blot with Recombinant Phospho-Histone H2A.X (Ser139) Monoclonal Antibody at dilution of 1:1000 dilution.

Lane A: 293 cells.

Observed-MW:15 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. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene encodes a replication-independent histone that is a member of the histone H2A family, and generates two transcripts through the use of the conserved stem-loop termination motif, and the polyA addition motif.

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