Recombinant Phospho-Histone H3 (Ser10) Monoclonal Antibody

catalog number: AN300368L

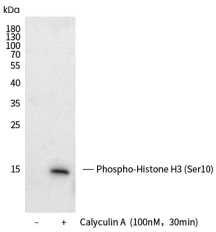
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	A synthetic peptide corresponding to residues around Ser10 of Human Phospho-Histone H3
Host	Rabbit
Isotype	IgG
Clone	B290
Purification	Protein A
Buffer	10 mM sodium HEPES, 150 mM NaCl, 100 μg/mL protein protectant, 50% glycerol, pH 7.5

Applications	Recommended Dilution
WB	1:10000-1:50000

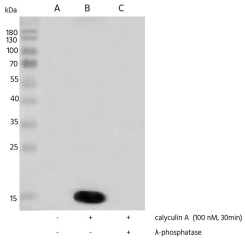
Data



Western blot analysis of extracts from serum-starved Hela, untreated (-) or treated with Calyculin A (100 nM, 30 min; +), using Phospho-Histone H3 (Ser10)rabbit monoclonal Antibody at 1:10000 dilution.

Observed-MW:15 kDa

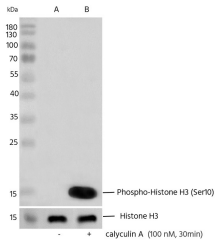
Calculated-MW:15 kDa



Western blot analysis of extracts from serum-starved Hela, untreated (line A); treated with calyculin A (100 nM, 30min; +) (line B); treated with calyculin A and λ-phosphatase (line C) using Phospho-Histone H3 (Ser10) rabbit monoclonal Antibody at 1:20000 dilution.

Observed-MW:15 kDa

Calculated-MW:15 kDa



Western blot analysis of extracts from serum-starved Hela, untreated (line A); treated with calyculin A (100 nM, 30min; +) (line B), using Phospho-Histone H3 (Ser10) rabbit monoclonal Antibody at 1:20000 dilution. (upper) or anti-Histone H3 antibody(100005-MM01) (lower).

Observed-MW:15 kDa

Calculated-MW:15 kDa

Preparation & Storage

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated 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. 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 fibre is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures.

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