

## Recombinant Phospho-Histone H3 (Ser10) Monoclonal Antibody

catalog number: **AN300368L**

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

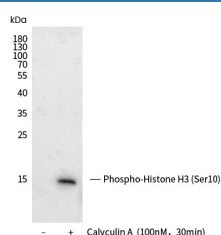
### Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	A synthetic peptide corresponding to residues around Ser10 of Human Phospho-Histone H3
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Clone</b>	11A6
<b>Purification</b>	Protein A
<b>Buffer</b>	10 mM sodium HEPES, 150 mM NaCl, 100 µg/mL protein protectant, 50% glycerol, pH 7.5

### Applications Recommended Dilution

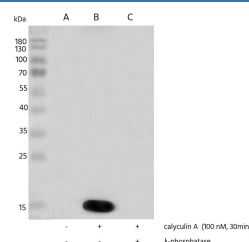
**WB** 1:10000-1:50000

### Data



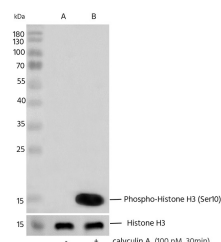
Western blot analysis of extracts from serum-starved HeLa, untreated (-) or treated with Calyculin A (100 nM, 30 min; +), using Phospho-Histone H3 (Ser10) rabbit monoclonal Antibody at 1:10000 dilution.

**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, 30 min; +) (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, 30 min; +) (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

### For Research Use Only

Toll-free: 1-888-852-8623  
Web: [www.elabscience.com](http://www.elabscience.com)

Tel: 1-832-243-6086  
Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

Fax: 1-832-243-6017

Rev. V1.0

**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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