

A Reliable Research Partner in Life Science and Medicine

# Recombinant Phospho-Histone H3 (Ser28) Monoclonal Antibody

catalog number: AN300389L

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

### **Description**

Reactivity Human

Immunogen A synthetic peptide corresponding to the residues around

HostRabbitIsotypeIgGCloneB315PurificationProtein A

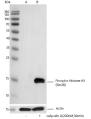
Buffer 10 mM sodium HEPES, 150 mM NaCl, 100 µg/mL protein protectant, 50% glycerol,

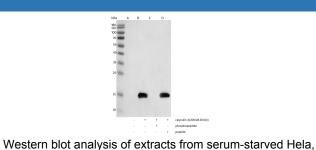
pH 7.5

Applications Recommended Dilution

**WB** 1:50000-1:500000

#### Data





untreated (line A); treated with calyculin A(200nM, 30min),

without peptide (line B) or antigen-specific phosphopeptide

(line C) or antigen-specific peptide (line D) using Phospho-

Histone H3 (Ser28) rabbit monoclonal Antibody at 1:20000

Western blot analysis of extracts from serum-starved Hela, untreated (line A) or treated with calyculin A(200nM, 30min; +)(line B), using Phospho-Histone H3 (Ser28) rabbit monoclonal Antibody at 1:20000 dilution. (upper) or Anti-Actin Antibody, Chimeric Rabbit Monoclonal at 1:50000 dilution(lower).

wer). dilution.

W:17 kDa Observed-MW:17 kDa

W:17 kDa Calculated-MW:17 kDa

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

## **Preparation & Storage**

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.

# For Research Use Only