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## 10-6516: Mouse Monoclonal Antibody to Phospho-Histone H3(S10) (Clone: 44AT1032.72)(Discontinued)

Clonality: Monoclonal 44AT1032.72 **Clone Name:** 

Application: WB

Reactivity: Human, Mouse

Gene: H3F3A Gene ID: 3020;3021 **Uniprot ID:** P84243 Format: Purified

**Alternative Name:** Histone H33, H3F3A, H33A, H3F3

Isotype: Mouse IgG1 Immunogen Information: Synthetic Peptide

## **Description**

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 contains introns and its mRNA is polyadenylated, unlike most histone genes. The protein encoded is a replication-independent member of the histone H3 family.

## **Product Info**

Amount: 0.1 ml

**Purification:** Protein G Chromatography

Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. Content:

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term store at -20°C in small aliquots Storage condition:

to prevent freeze-thaw cycles.

## **Application Note**

WB~1:100~500

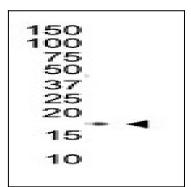


Figure 1: Western blot analysis of extracts from HL60 cells treated with 100nM of calyculin using Histone H3-pS10 Antibody (10-6516).