



Histone H3 (Di Methyl Lys9) (3c2)

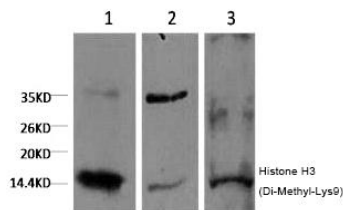
Mouse monoclonal Antibody

#55021

Catalog Number: 55021**Amount:** 100µg/100µl**Swiss-Prot No. :** P68431/Q71DI3/P84243**GENE ID:** 8350/8351/8352/8353/8354/8355/8356/8357/8358/8968**Form of Antibody:** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol**Storage/Stability:** Store at -20°C/1 year**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of Histone H3(di methyl K9) ,and does not cross-react with related proteins**Alternative Names:** HIST1H3A; H3FA; HIST1H3B; H3FL; HIST1H3C; H3FC; HIST1H3D; H3FB; HIST1H3E; H3FD; HIST1H3F; H3FI; HIST1H3G; H3FH; HIST1H3H; H3FK; HIST1H3I; H3FF; HIST1H3J; H3FJ; Histone H3.1; Histone H3/a; Histone H3/b; Histone H3/c; Histone H3/d; Histone H3/f; Histone H3/**Reactivity:** Human, Mouse, Rat**Applications:**

Predicted MW: 15kd

WB: 1:1000-3000



Western blot analysis of 1) HeLa, 2) Rat Heart Tissue, 3) Raw264.7

Background:

Histone H3 is one of the five main histone proteins involved in the structure of chromatin in eukaryotic cells. Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability.