



Histone H3(Tri Methyl Lys9) (4H8)

Mouse monoclonal Antibody

#55022

Catalog Number: 55022

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(Tri methyl K9) ,and does not cross-react with related proteins

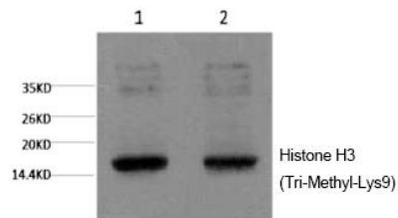
Alternative Names: HIST1H3A; H3FA; HIST1H3B; H3FL; HIST1H3C; H3FC; HIST1H3D; H3FB; HIST1H3E; H3FD; HIST1H3F; H3FI; HIST1H3G; H3FH; HIST1H3H; H3FK; HIST1H3I; H3FF; HIST1H3J; H3FJ; Histone H3.1; Histone H3/a; Histone H3/b; Histone H3/c; Histone H3/d; Histone H3/f; Histone H3/

Reactivity: Human, Mouse, Rat

Applications:

Predicted MW: 15kd

WB:1:1000-3000



Western blot analysis of HeLa

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.