



Histone H3 Mouse Monoclonal Antibody(Mix-mA™)

E12-188

Catalog Number: E12-188**Amount:** 100µg/100µl

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.

Alternative Names: H3 histone antibody, HIST1H3A antibody, Histone cluster 1, H3a antibody

Molecular Weight 15KD

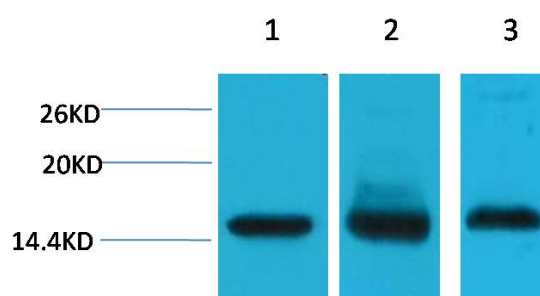
Isotype IgG1

Storage/Stability: PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol. Store at -20°C. Do not aliquot the antibody.

Specificity/Sensitivity: The Histone H3 antibody can detects endogenous Histone H3 protein.

Reactivity: H, R, M

Applications: WB: 1:1,000-3,000 IHC: 1:200 IF: 1:200



Western blot analysis of 1) Hela, 2) Raw 264.7, 3) Rat Testis tissue with E12-188 diluted at 1:1,000.

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