

Product Datasheet

Histone H3 (mono methyl K36) Antibody



Catalog No: CY5477

Reactivity: Human Mouse

Isotype: Rabbit IgG

Applications: WB ICC/IF

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Information

UniProt ID: P68431

All Names: H3 histone; HIST1H3A; Histone cluster 1, H3a;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 15 kDa

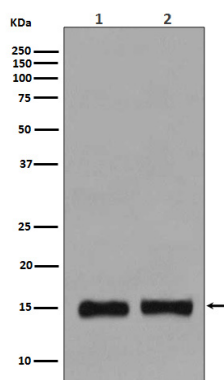
Application

WB: 1:500~1:2000

ICC/IF: 1:50~1:200

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.



Western blot analysis of Histone H3 (mono methyl K36) expression in (1) HeLa cell lysate; (2) NIH/3T3 cell lysate.

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