

## Product Datasheet

# Histone H3 (mono methyl K9) Antibody



Catalog No: CY8893

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF CHIP

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### Information

**UniProt ID:** P68431

**All Names:** Histone H3.1, Histone H3, HIST1H3A;

**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.:** 15kDa

### Application

WB 1:500~1:2000

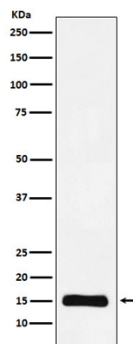
IHC 1:50~1:200

ICC/IF 1:50~1:200

CHIP 1:50

### Background

Belongs to the histone H3 family. Play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.



Western blot analysis of Histone H3 (mono methyl K9) expression in HeLa cell lysate.

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