

Anti-DiMethyl-Histone H3 (Lys9) Rabbit Monoclonal Antibody

Introduction

H3 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.

Product parameters

Alternative Names	H3K9me2; H3 histone; HIST1H3A; Histone cluster 1; H3a
Gene ID	8350
Gene Name	H3C1
SwissProt ID	P68431
Host	Rabbit
Reactivity	Human, Mouse, Rat
Molecular Weight	Calculated MW: 15 kDa; Observed MW: 15 kDa
Conjugation	Unconjugated
Ex	-
Em	-
Modification	Methylated
Clonality	IgG
Isotype	Monoclonal Antibody
Clonality No.	AP-4B1F7
Form	Liquid
Concentration	See label
Carrier	Carrier Free
Immunogen	A synthesized peptide derived from human Histone H3
Purification	Affinity Chromatography
Buffer System	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Application	WB, ICC/IF, ChIP
Dilution Ratio	WB: 1/500-1/1000 IF: 1/50-1/200 ChIP: 1/20
Research Field	Epigenetics and Nuclear Signaling
Product Categories	Primary antibody
Shipping	Blue ice

Storage	-20°C
Expiration Date	12 months
Note	Please avoid freeze-thaw cycles.

Protocol

Configure the product according to the application range and recommended dilution ratio.

***Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

Note

1. This product is for scientific research use only.



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