Anti-DiMethyl-Histone H3 (Lys9) (10B2) Mouse 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	Mouse
Reactivity	Human, Mouse, Rat
Molecular Weight	Calculated MW: 15 kDa; Observed MW: 15 kDa
Conjugation	Unconjugated
Ex	-
Em	-
Modification	Methylated
Clonality	IgG1
Isotype	Monoclonal Antibody
Clonality No.	AP-12A11E3
Form	Liquid
Concentration	See label
Carrier	Carrier Not Free
Immunogen	Synthetic Peptide of Histone H3 (Di Methyl Lys9)
Purification	Affinity Purified
Buffer System	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Application	WB
Dilution Ratio	WB: 1/500-1/1000
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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