Product Name: MonoMethyl-Histone H3 (Lys79) (6H1) Mouse Monoclonal Antibody
Catalog #: AMM00882

Summary

Production Name	MonoMethyl-Histone H3 (Lys79) (6H1) Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Methylated
Isotype	IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Immunogen

Gene Name	H3C1
Alternative Names	H3K79me; H3 histone; HIST1H3A; Histone cluster 1; H3a
Gene ID	8350
SwissProt ID	P68431.

Application

Dilution Ratio	WB: 1:500-1:1000
Molecular Weight	Calculated MW: 15 kDa; Observed MW: 15 kDa

Background

H3 Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the

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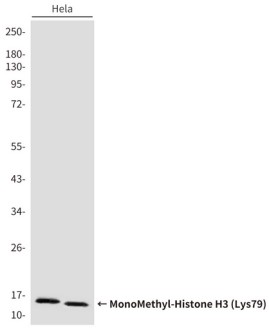
cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability.

Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of MonoMethyl-Histone H3 in Hela lysates using MonoMethyl-Histone H3 (Lys79) (6H1) antibody

Note

For research use only.