

Product Name: MonoMethyl-Histone H3 (Lys79) (4A1) Mouse Monoclonal Antibody
Catalog #: AMM03580

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Methylated
Isotype	IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

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

Antigen Information

Gene Name	H3C1
Alternative Names	H3K79me; H3 histone; HIST1H3A; Histone cluster 1; H3a
Gene ID	8350
SwissProt ID	P68431
Immunogen	A synthetic Methylated peptide corresponding to residues target protein

Background

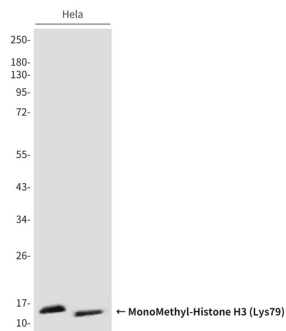
H3 Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA

repair, DNA replication and chromosomal stability.

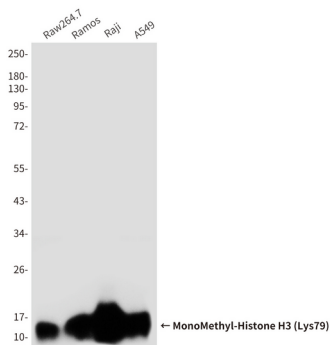
Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of MonoMethyl-Histone H3 (Lys79) in HeLa lysates using MonoMethyl-Histone H3 (Lys79) (4A1) antibody.



Western blot analysis of MonoMethyl-Histone H3 (Lys79) (4A1) in Raw264.7, Ramos, Raji, A549 lysates using MonoMethyl-Histone H3 (Lys79) (4A1) antibody.