

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

Summary

| | |
|------------------------|---|
| Production Name | MonoMethyl-Histone H3 (Lys79) (4A1) Mouse Monoclonal Antibody |
| Description | Primary antibody |
| Host | Mouse |
| Application | WB |
| Reactivity | Human,Mouse,Rat |

Performance

| | |
|---------------------|--|
| Conjugation | Unconjugated |
| Modification | Methylated |
| Isotype | IgG1 |
| Clonality | Monoclonal Antibody |
| 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 Purified |

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

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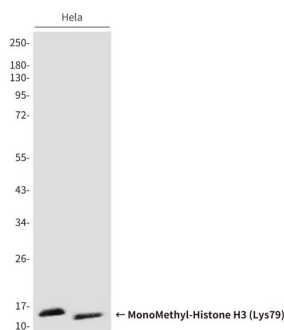


H3 Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability.

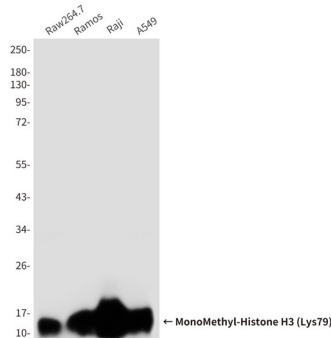
Research Area

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.

Note

For research use only.