Product Name: MonoMethyl-Histone H2B (Arg79) Rabbit Monoclonal Antibody
Catalog #: AMRe04022

Summary

Production Name	MonoMethyl-Histone H2B (Arg79) Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Monomethylated
Isotype	IgG
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 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Purification	Affinity Purified

Immunogen

Gene Name	H2BC21
Alternative Names	H2BR79me; H2B; H2BQ; GL105; H2B.1; H2BFQ; H2BGL105
Gene ID	3018
SwissProt ID	P33778

Application

Dilution Ratio	WB: 1/500-1/1000
Molecular Weight	Calculated MW:14 kDa;Observed MW: 14 kDa

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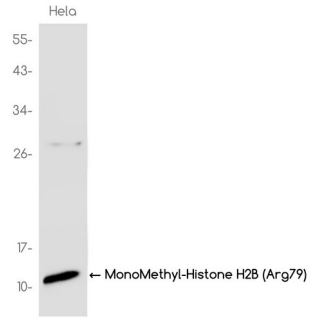
Background

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene encodes a member of the histone H2B family, and generates two transcripts through the use of the conserved stem-loop termination motif, and the polyA addition motif.

Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of MonoMethyl-Histone H2B (Arg79) in HeLa lysates using MonoMethyl-Histone H2B (Arg79) antibody.

Note

For research use only.