Product Name: **MonoMethyl-Histone H2B (Arg79) Rabbit Monoclonal Antibody**
Catalog #: **AMRe87547**
For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:2000-1:20000
Molecular Weight	Calculated MW:14 kDa; Observed MW:14 kDa

Antigen Information

Gene Name	MonoMethyl-Histone H2B
Alternative Names	MonoMethyl-Histone H2B
Gene ID	3018
SwissProt ID	P33778
Immunogen	A synthetic methylpeptide corresponding to residues surrounding Arg79 of human Histone H2B

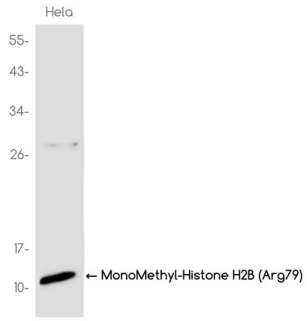
Background

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. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

Research Area

Image Data



Western blot analysis of extracts from Hela cells using MonoMethyl-Histone H2B (Arg79) Rabbit Monoclonal Antibody at 1:1000.