Product Name: **MonoMethyl-Histone H3 (Arg2) Rabbit Monoclonal Antibody**
Catalog #: **AMRe04012**
For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF
Reactivity	Human, Mouse
Conjugation	Unconjugated
Modification	Methylated
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	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% protective protein.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,ICC/IF 1:50-1:200
Molecular Weight	Calculated MW:15 kDa;Observed MW: 17 kDa

Antigen Information

Gene Name	H3C1
Alternative Names	H3R2me; H3/j; H3C1; H3C2; H3C3; H3C4; H3C6; H3C7; H3C8; H3FJ; H3C10; H3C11; HIST1H3J
Gene ID	8350
SwissProt ID	P68431
Immunogen	A synthetic Methylated peptide corresponding to residues target protein

Background

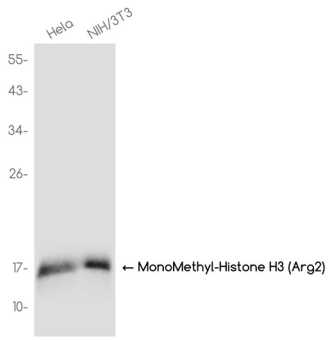
H3 Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA

repair, DNA replication and chromosomal stability.

Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of MonoMethyl-Histone H3 (Arg2) in HeLa, 3T3 lysates using MonoMethyl-Histone H3 (Arg2) antibody.