

Anti-Mono-Methyl-Histone H2A (Lys118) Antibody (7M490)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Clone:	7M490
Purification:	Affinity-chromatography

Applications

Verified Activity:	Western blot analysis of Histone H2A (mono methyl K118) expression in HeLa cell lysate.
Application:	ICC/IF,IHC,IHC-Fr,WB
Recommended	ICC/IF: 1:50-1:200; IHC: 1:100-1:200; IHC-Fr: 1:50-1:200; WB: 1:1000-1:2000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human Histone H2A around the methylation site of K118 H2AFM;H2A1B;H2AFO;H2A/a;Tri-Methyl-Histone H2A (K118);H2AFQ;H2AFA;HIST1H2AE; HIST2H2AA3;H2A.2;HIST2H2AC;H2A/m;H2AK118me1;H2A/q;H2AFE;H2AFL;HIST1H2AJ;Tri-Me- Histone H2A (Lys118);Tri-Me-H2AK118;Histone H2AK118-TriMethylated;HIST2H2AA;H2A.1; HIST2H2AB
Synonyms:	

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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