

## Anti-Histone H2A (acetyl K9) HIST1H2AB Monoclonal Antibody

Catalog Number: M16777-3

### Overview

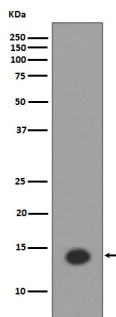
Product Name	Anti-Histone H2A (acetyl K9) HIST1H2AB Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Histone H2A (acetyl K9) HIST1H2AB Monoclonal Antibody catalog # M16777-3. Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC, ICC, WB
Clonality	Monoclonal DEB-8
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P04908

### Technical Details

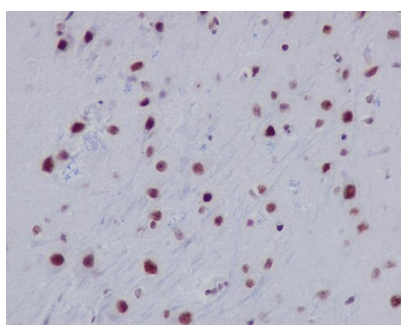
Immunogen	A synthesized peptide derived from human Histone H2A (acetyl K9) Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, 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.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000 IHC 1:50-200 ICC/IF 1:50-200



## Anti-Histone H2A (acetyl K9) HIST1H2AB Monoclonal Antibody (M16777-3) Images



Western blot analysis of Histone H2A (acetyl K9) expression in HeLa cell lysate treated Trichostatin A.



Immunohistochemical analysis of paraffin-embedded mouse brain, using Histone H2A (acetyl K9) Antibody.

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