

Anti-Histone H2B (crotonyl K12) Rabbit Monoclonal Antibody
Catalog # ABO16702**Specification****Anti-Histone H2B (crotonyl K12) Rabbit Monoclonal Antibody - Product Information**

Application	WB, IHC
Primary Accession	Q16778
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-Histone H2B (crotonyl K12) Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.

Anti-Histone H2B (crotonyl K12) Rabbit Monoclonal Antibody - Additional Information

Gene ID 8349

Other Names

Histone H2B type 2-E, H2B-clustered histone 21 {ECO:0000312|HGNC:HGNC:4760}, Histone H2B-GL105, Histone H2B.q, H2B/q, H2BC21 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=4760)>HGNC:4760)

Application Details

WB 1:500-1:2000
IHC 1:50-1:200
ICC/IF 1:50-1:200

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human Histone H2B (crotonyl K12)

Purification

Affinity-chromatography

Storage

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.

Anti-Histone H2B (crotonyl K12) Rabbit Monoclonal Antibody - Protein Information

Name H2BC21 ([HGNC:4760](#))

Function

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.

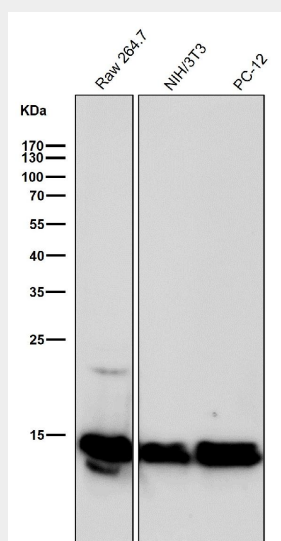
Cellular Location

Nucleus. Chromosome.

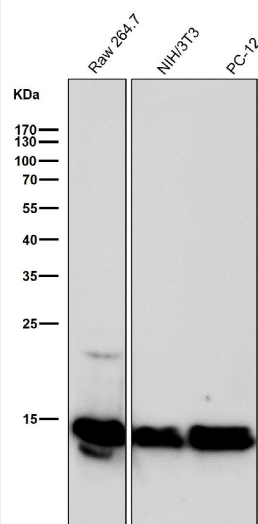
Anti-Histone H2B (crotonyl K12) Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

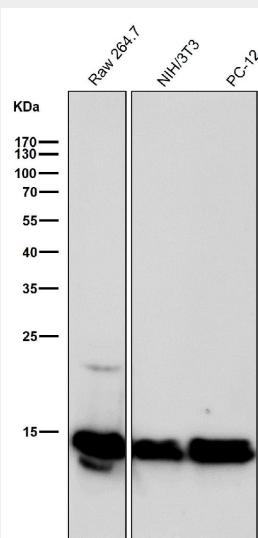
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Histone H2B (crotonyl K12) Rabbit Monoclonal Antibody - Images

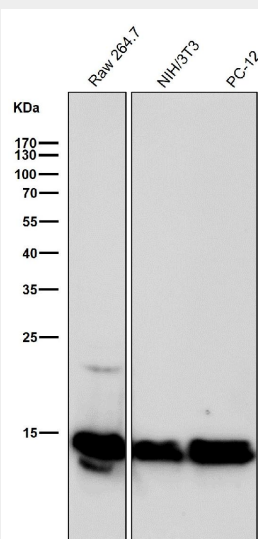
All lanes use the Antibody at 1:500 dilution for 1 hour at room temperature.



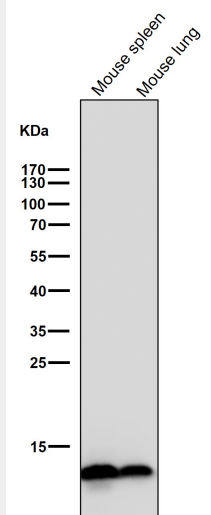
All lanes use the Antibody at 1:500 dilution for 1 hour at room temperature.



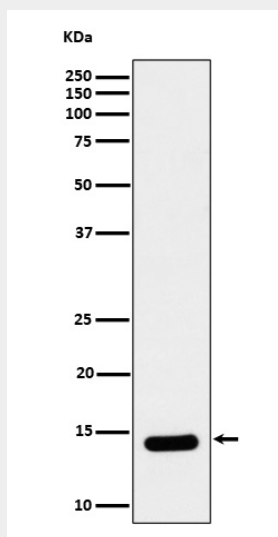
All lanes use the Antibody at 1:500 dilution for 1 hour at room temperature.



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Western blot analysis of Histone H2B (crotonyl K12) expression in HeLa cell lysate.