BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

# Anti-Histone H4 (acetyl K16) HIST1H4A Monoclonal Antibody

**Catalog Number:** M14495-3

## Submit a product review to Biocompare.com







Submit a review of this product to Biocompare.com to receive a $20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.

## Overview

| | |
|---|---|
| Product Name | Anti-Histone H4 (acetyl K16) HIST1H4A Monoclonal Antibody |
| Reactive Species | Human, Mouse, Rat |
| Description | Boster Bio Anti-Histone H4 (acetyl K16) HIST1H4A Monoclonal Antibody catalog # M14495-3. Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat. |
| Application | Flow Cytometry, IF, IHC, ICC, WB |
| Clonality | Monoclonal COC-8 |
| Formulation | Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.<br>*This antibody is supplied in a stabilized formulation.<br>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 | P62805 |

## Technical Details

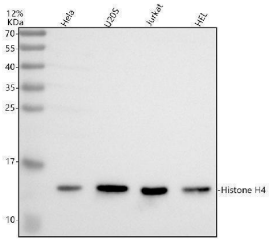
| | |
|---|---|
| Immunogen | A synthesized peptide derived from human Histone H4 (acetyl K16) |
| Isotype | Rabbit IgG |
| Form | Liquid |
| Concentration | 0.5mg/ml |
| Purification | Affinity-chromatography |

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

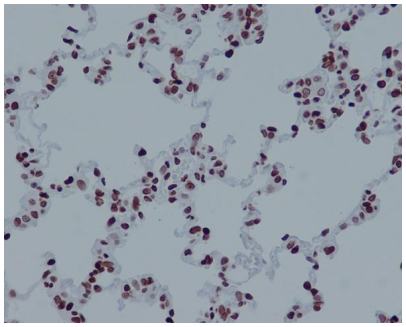
| | |
|---|---|
| Suggested Dilutions | WB 1:500-2000<br>IHC 1:50-200<br>ICC/IF 1:50-200<br>FC 1:50 |

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

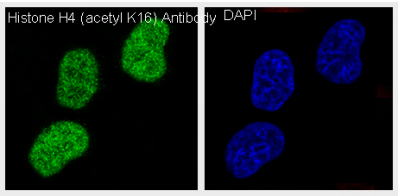
# Anti-Histone H4 (acetyl K16) HIST1H4A Monoclonal Antibody (M14495-3) Images




Western blot analysis of Histone H4 using anti-Histone H4 antibody (M14495-3). Electrophoresis was performed on a 12% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human Hela whole cell lysates, Lane 2: human U2OS whole cell lysates, Lane 3: human Jurkat whole cell lysates, Lane 4: human HEL whole cell lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-Histone H4 antigen affinity purified monoclonal antibody (M14495-3) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for Histone H4 at approximately 15 kDa. The expected band size for Histone H4 is at 11 kDa.



Immunohistochemical analysis of paraffin-embedded rat lung, using Histone H4 (acetyl K16) Antibody.




Immunofluorescent analysis of HeLa cells treated with TSA, using Histone H4 (acetyl K16) Antibody .

## Anti-Histone H4 (acetyl K16) HIST1H4A Monoclonal Antibody

For Research Use Only. Not for use in diagnostic procedures.