

Anti-Histone H3 (mono methyl K36) HIST1H3A Rabbit Monoclonal Antibody

Catalog Number: M12477-5

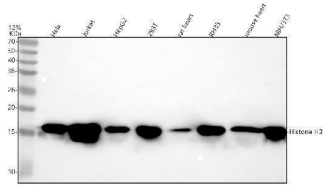
Overview

Product Name	Anti-Histone H3 (mono methyl K36) HIST1H3A Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Histone H3 (mono methyl K36) HIST1H3A Rabbit Monoclonal Antibody catalog # M12477-5. Tested in WB, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, ICC, WB
Clonality	Monoclonal DEG-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	P68431

Technical Details

Immunogen	A synthesized peptide derived from human Histone H3 (mono methyl K36)
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000 ICC/IF 1:50-200

Anti-Histone H3 (mono methyl K36) HIST1H3A Rabbit Monoclonal Antibody (M12477-5) Images



Western blot analysis of Histone H3 using anti-Histone H3 antibody (M12477-5). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 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 Jurkat whole cell lysates, Lane 3: human HepG2 whole cell lysates, Lane 4: human 293T whole cell lysates, Lane 5: rat heart tissue lysates, Lane 6: rat RH35 whole cell lysates, Lane 7: mouse heart tissue lysates, Lane 8: mouse NIH/3T3 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 H3 antigen affinity purified monoclonal antibody (Catalog # M12477-5) at 1:1000 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 1:500 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for Histone H3 at approximately 15-17 kDa. The expected band size for Histone H3 is at 15 kDa.

1 Publications Citing This Product

1. PubMed ID: 24503896, Role of endoplasmic reticulum stress in apoptosis of differentiated mouse podocytes induced by high glucose

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