

Anti-CDK5 Rabbit Monoclonal Antibody

Catalog Number: M00511

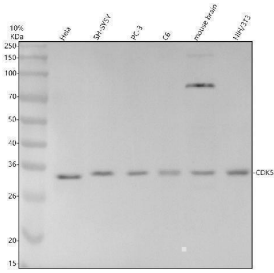
Overview

Product Name	Anti-CDK5 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-CDK5 Rabbit Monoclonal Antibody catalog # M00511. Tested in WB, IHC, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IP, IHC, WB
Clonality	Monoclonal DAH-3
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	Q00535

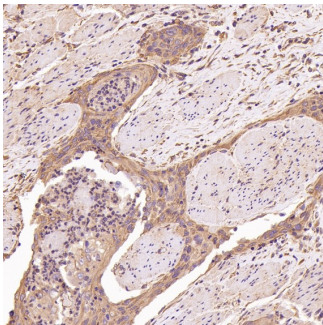
Technical Details

Immunogen	A synthesized peptide derived from human Cdk5
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000 IHC 1:50-200 IP 1:20 FC 1:20

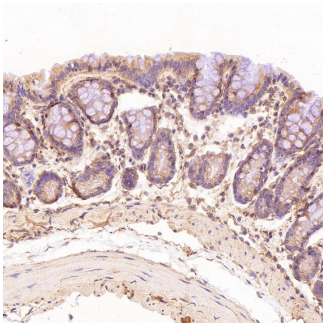
Anti-CDK5 Rabbit Monoclonal Antibody (M00511) Images



Western blot analysis of CDK5 using anti-CDK5 antibody (M00511). Electrophoresis was performed on a 10% 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 SH-SY5Y whole cell lysates, Lane 3: human PC-3 whole cell lysates, Lane 4: rat C6 whole cell lysates, Lane 5: mouse brain tissue lysates, Lane 6: 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-CDK5 antigen affinity purified monoclonal antibody (M00511) 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 CDK5 at approximately 33 kDa. The expected band size for CDK5 is at 33 kDa.

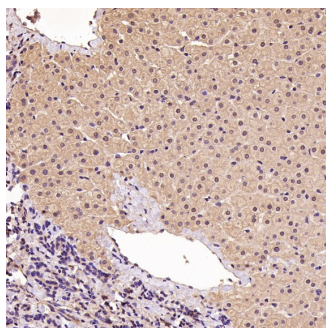


Immunohistochemical analysis of paraffin-embedded Human esophageal carcinoma, using the Antibody at 1:200 dilution.

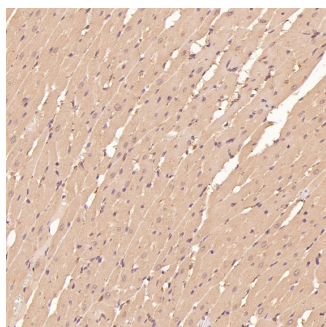


Immunohistochemical analysis of paraffin-embedded Rat stomach, using the Antibody at 1:200 dilution.

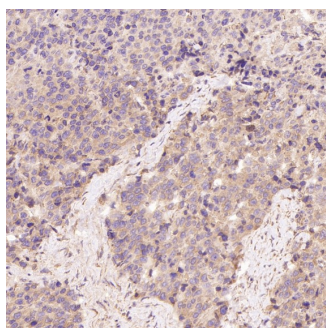
Immunohistochemical analysis of paraffin-embedded Human stomach, using the Antibody at 1:200 dilution.



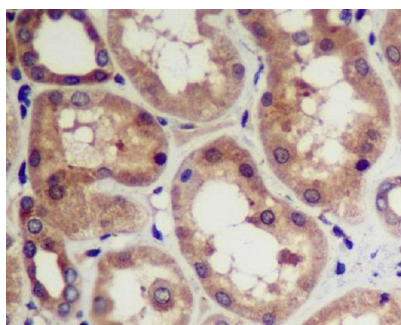
Immunohistochemical analysis of paraffin-embedded Rat heart, using the Antibody at 1:200 dilution.



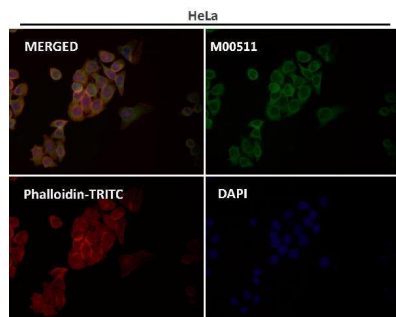
Immunohistochemical analysis of paraffin-embedded Human prostate cancer, using the Antibody at 1:200 dilution.



Immunohistochemical analysis of paraffin-embedded human kidney, using CDK5 Antibody .



Immunofluorescent analysis using the Antibody at 1:50 dilution.



1 Publications Citing This Product

1. PubMed ID: 25206467, A new treatment for cognitive disorders related toin uteroexposure to alcohol

Visit bosterbio.com/anti-cdk5-rabbit-monoclonal-antibody-m00511-boster.html to see all 1 publications.

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.



Anti-CDK5 Rabbit Monoclonal Antibody

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