

Anti-Phospho-Cdk1/2 (T14) Rabbit Monoclonal Antibody

Catalog Number: P00209-1

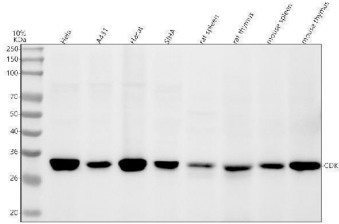
Overview

Product Name	Anti-Phospho-Cdk1/2 (T14) Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-Cdk1/2 (T14) Rabbit Monoclonal Antibody catalog # P00209-1. Tested in WB, IHC, IP applications. This antibody reacts with Human, Mouse, Rat.
Application	IP, IHC, WB
Clonality	Monoclonal DFH-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	P06493/P24941

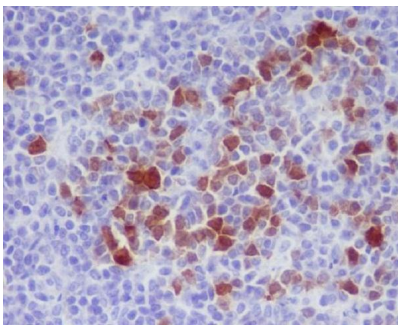
Technical Details

Immunogen	A synthesized peptide derived from human Phospho-Cdk1/2 (T14)
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

Anti-Phospho-Cdk1/2 (T14) Rabbit Monoclonal Antibody (P00209-1) Images



Western blot analysis of Phospho-Cdk1/2 (T14) using anti-Phospho-Cdk1/2 (T14) antibody (P00209-1). 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 A431 whole cell lysates, Lane 3: human Hacat whole cell lysates, Lane 4: human SiHa whole cell lysates, Lane 5: rat spleen tissue lysates, Lane 6: rat thymus tissue lysates, Lane 7: mouse spleen tissue lysates, Lane 8: mouse thymus tissue 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-Phospho-Cdk1/2 (T14) antigen affinity purified monoclonal antibody (Catalog # P00209-1) 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 1:500 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 Phospho-Cdk1/2 (T14) at approximately 34 kDa. The expected band size for Phospho-Cdk1/2 (T14) is at 34 kDa.



Immunohistochemical analysis of paraffin-embedded rat spleen, using Phospho-Cdk1/2 (T14) Antibody.

4 Publications Citing This Product

1. PubMed ID: 30159255, Coxsackievirus A6 induces cell cycle arrest in G0/G1 phase for viral production
2. PubMed ID: 28229049, Human enterovirus 68 interferes with the host cell cycle to facilitate viral production
3. PubMed ID: 27109908, A novel cell cycle blocker extracted from *Stellera chamaejasme* L. inhibits the proliferation of hepatocarcinoma cells

Visit bosterbio.com/anti-phospho-cdk1-2-t14-rabbit-monoclonal-antibody-p00209-1-boster.html to see all 4 publications.

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