

Phospho-Cdk1/2-T14 Monoclonal Antibody

CABP1001

Description

This Phospho-Cdk1/2-T14 Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CABP1001
Contents: 20 µL, 100 µL
Bradford Reagent: 1 vial (2ml)
Category: Monoclonal Antibody
Synonyms: CDC2, CDC28A, P34CDC2, Phospho-Cdk1/2-T14
Clone: ARC1546
Applications: WB ELISA
Conjugation: Unconjugated
Reactivity: Human, Mouse, Rat

Antibody Data

Gene ID: 983 1017
Uniprot: AB_2863893
Host Species: Rabbit
Purification: Affinity purification
Observed MW: 34kDa
Calculated MW: 34kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

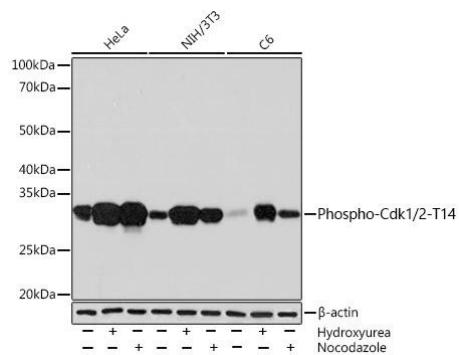
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: HeLa treated with Hydroxyurea, HeLa treated with Nocodazole, NIH/3T3 treated with Hydroxyurea, NIH/3T3 treated with Nocodazole, C6 treated with Hydroxyurea, C6 treated with Nocodazole

Recommended Dilutions:	WB	1:500 - 1:1000
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data



Western blot analysis of various lysates using Phospho-Cdk1/2- Rabbit mAb (CABP1001) at 1:1000 dilution. HeLa cells and NIH/3T3 cells and cells were treated with Hydroxyurea (4 Mm) at 37°C for 20 hours or treated with Nocodazole (100 ng/mL) at 37°C for 24 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (AbGn00020). Exposure time: 30s.