

Phospho-CDK1-Y15 Monoclonal Antibody

CABP1350

Description

This Phospho-CDK1-Y15 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: CABP1350
Contents: 20 µL, 100 µL
Bradford Reagent: 1 vial (2ml)
Category: Monoclonal Antibody
Synonyms: CDC2, CDC28A, P34CDC2, Phospho-CDK1-Y15
Clone: ARC55443
Applications: **WB** **ELISA**
Conjugation: Unconjugated
Reactivity: Human

Antibody Data

Gene ID: 983
Uniprot: -
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 with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

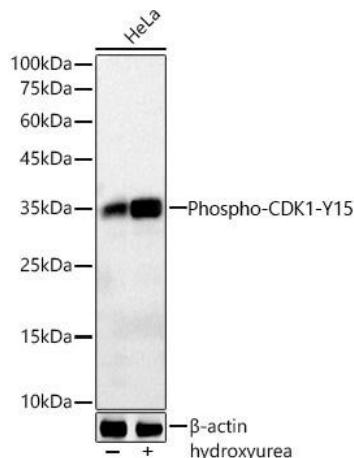
Positive Sample: HeLa treated with Hydroxyurea

Recommended Dilutions:

| | |
|--------------|---|
| WB | 1:1000 - 1:5000 |
| 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 lysates from HeLa cells using Phospho-- Rabbit mAb (CABP1350) at 1:2000 dilution. HeLa cells were treated with Hydroxyurea (4 mM) at 37°C for 20 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 30 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 3 s.