

Phospho-Chk1-S296 Monoclonal Antibody

CABP1047

Description

This Phospho-Chk1-S296 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: CABP1047
Contents: 20 µL, 100 µL
Bradford Reagent: 1 vial (2ml)
Category: Monoclonal Antibody
Synonyms: CHK1, Phospho-Chk1-S296
Clone: ARC1593
Applications: WB ELISA
Conjugation: Unconjugated
Reactivity: Human

Antibody Data

Gene ID: 1111
Uniprot: AB_2863921
Host Species: Rabbit
Purification: Affinity purification
Observed MW: 54kDa
Calculated MW: 54kDa

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.

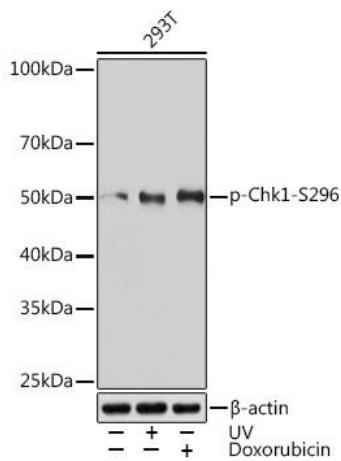
Positive Sample: 293T treated with UV, 293T treated with Doxorubicin

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 lysates from 293T cells, using Phospho-Chk1- Rabbit mAb (CABP1047) at 1:1000 dilution. 293T cells were treated with UV at room temperature for 15-30 minutes and Doxorubicin (0.5 uM) 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: 3min.