

Phospho-MEK1-pS221 Antibody

CABP0064

Description

This Phospho-MEK1-pS221 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:	CABP0064
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	MEL, CFC3, MEK1, MKK1, MAPKK1, PRKMK1, Phospho-MEK1-pS221
Clone:	-
Applications:	WB ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat

Antibody Data

Gene ID:	5604
Uniprot:	AB_2771276
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	43kDa
Calculated MW:	43kDa

Preparation & Storage

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

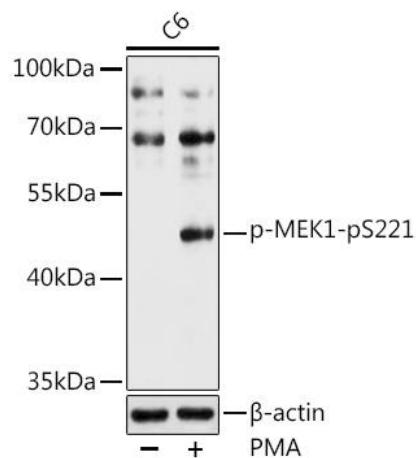
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: HeLa treated with PMA, C6 treated with PMA

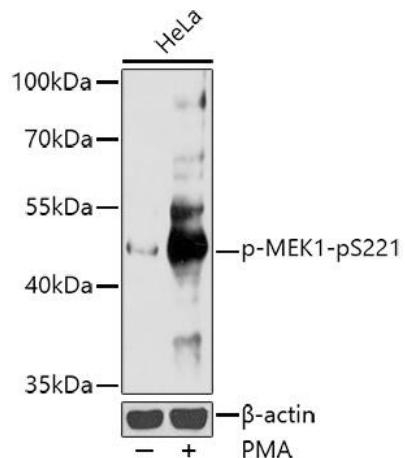
Recommended Dilutions:	WB	1:500 - 1:1000
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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 cells, using Phospho--pS221 Rabbit pAb (CABP0064) at 1:1000 dilution. cells were treated with PMA/TPA (200 nM) at 37°C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 60s.



Western blot analysis of lysates from HeLa cells, using Phospho--pS221 Rabbit pAb (CABP0064) at 1:1000 dilution. HeLa cells were treated with PMA/TPA (200 nM) at 37°C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (AbGn00021). Exposure time: 60s.

