

Phospho-MEK1-S298 Antibody

CABP0063

Description

This Phospho-MEK1-S298 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: CABP0063

Contents: 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

Category: Polyclonal Antibody

Synonyms: MEL, CFC3, MEK1, MKK1, MAPKK1, PRKMK1, Phospho-MEK1-S298

Clone: -

Applications:   

Conjugation: Unconjugated

Reactivity: Human, Mouse, Rat

Antibody Data

Gene ID: 5604

Uniprot: AB_2771281

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.

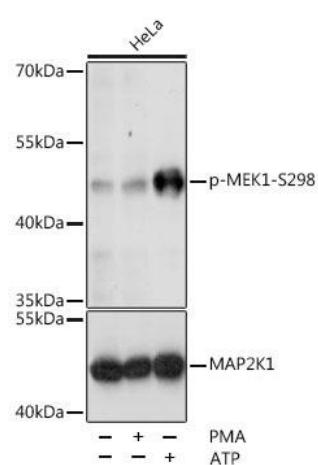
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: HeLa treated with ATP, C2C12 treated with ATP, C6 treated with ATP

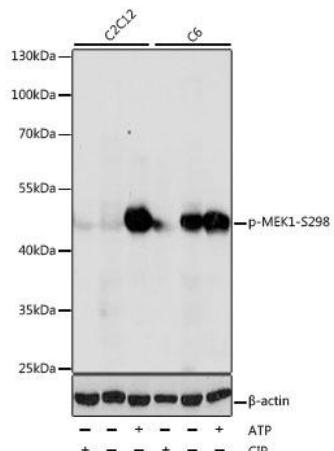
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|-------------------------------|---|-----------|----------------|-----------|--|--------------|---|
| Recommended Dilutions: | <table border="1"> <tr> <td>WB</td><td>1:500 - 1:2000</td></tr> <tr> <td>IP</td><td>0.5µg-4µg antibody for 200µg-400µg extracts of whole cells</td></tr> <tr> <td>ELISA</td><td>Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</td></tr> </table> | WB | 1:500 - 1:2000 | IP | 0.5µg-4µg antibody for 200µg-400µg extracts of whole cells | ELISA | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |
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| IP | 0.5µg-4µg antibody for 200µg-400µg extracts of whole cells | | | | | | |
| 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-Rabbit pAb (CABP0063) at 1:1000 dilution or antibody (CAB12687). HeLa cells were treated with PMA/TPA (200 nM) at 37°C for 15 minutes after serum-starvation overnight or treated with ATP(5 mM) at 30°C for 1 hour. 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: 1s.



Western blot analysis of various lysates using Phospho- - Rabbit pAb (CABP0063) at 1:1000 dilution. C2C12 cells were treated with CIP(20uL/400ul) at 37°C for 1 hour or treated with ATP(5 mM) at 30°C for 1 hour. cells were treated with CIP(20uL/400ul) at 37°C for 1 hour or treated with ATP(5 mM) at 30°C for 1 hour. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (AbGn00020). Exposure time: 1s.