

MEK1 (phospho Ser217) + MEK2 (phospho Ser221) antibody [HL4054]

Cat. No. GTX642469

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB
Reactivity	Human, Mouse

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000

Not tested in other applications.

Observed MW (kDa) 45 kDa.

Product Note

This antibody is raised against human MEK1 phosphorylated at Ser217. Based on sequence homology, it is predicted to react with MEK2 when phosphorylated at the corresponding residues -MEK2 Ser221.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide surrounding phospho Ser217 of human MEK1. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

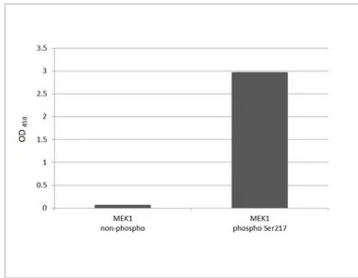
Note

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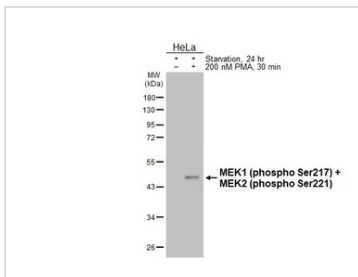
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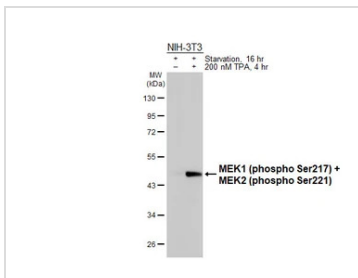
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DATA IMAGES

GTX642469 Image

Specificity test was performed by coating the plate with recombinant (MAP2K1 non-phospho peptide and MAP2K1 (phospho Ser217) peptide) (62.5- ng/mL). Coated protein was probed with MEK1 (phospho Ser217) + MEK2 (phospho Ser221) antibody [HL4054] (GTX642469) (1 µg/mL). Goat anti-rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect the bound primary antibody.


GTX642469 WB Image

Untreated (–) and treated (+) HeLa whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with MEK1 (phospho Ser217) + MEK2 (phospho Ser221) antibody [HL4054] (GTX642469) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX642469 WB Image

Untreated (–) and treated (+) NIH-3T3 whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with MEK1 (phospho Ser217) + MEK2 (phospho Ser221) antibody [HL4054] (GTX642469) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident femto Western HRP Substrate.



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