

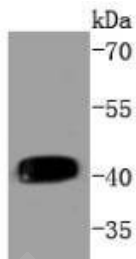
Anti-Phospho-MAP2K1 (Thr292) Antibody (3D596)

Product Details

| | |
|-------------------|------------------------|
| Ig Type: | IgG |
| Reactivity: | Human |
| Conjugation: | Unconjugated |
| Molecular Weight: | Theoretical: 43 kDa. |
| Clone: | 3D596 |
| Purification: | ProA affinity purified |

Applications

Verified Activity: 1. Western blot analysis of Phospho-MEK1 (T292) on Daudi cells lysates using anti-Phospho-MEK1 (T292) antibody at 1/1,000 dilution.



| | |
|--------------|-----------------|
| Application: | WB |
| Recommended | WB: 1:1000-2000 |

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping: Shipping with blue ice.

Antigen Details

| | |
|------------------|--|
| Immunogen: | A synthesized phosphopeptide: human MEK1 around the phosphorylation site of Thr292 |
| Antigen Species: | Human |
| Uniprot ID: | Q02750 |
| Synonyms: | p-MAP2K1 (T292);p-MAP2K1 (Thr292);MAP2K1 (p-Thr292);MAP2K1 (p-T292) |

Research Background

A family of protein kinases located upstream of the MAP kinases and responsible for their activation has been identified. The prototype member of this family, designated MAP kinase kinase, or MEK-1, specifically phosphorylates the MAP kinase regulatory threonine and tyrosine residues present in the Thr-Glu-Tyr motif of ERK. A second MEK family member, MEK-2, resembles MEK-1 in its substrate specificity. MEK-3 (or MKK-3) functions to activate p38 MAP kinase, and MEK-4 (also called SEK1 or MKK-4) activates both p38 and JNK MAP kinases. MEK-5 appears to specifically phosphorylate ERK 5, whereas MEK-6 phosphorylates p38 and p38b. MEK-7 (or MKK-7) phosphorylates and activates the JNK signal transduction pathway.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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