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35-1192: Polyclonal Antibody to MEK1/MEK2 (Phospho-Ser217/Ser221)

Clonality: Polyclonal Application: IHC,WB

Reactivity: Human, Mouse, Rat

Gene: MAP2K1 Gene ID: 5604 **Uniprot ID:** Q02750 Format: Purified

ERK activator kinase 1/ERK activator kinase2, MAP kinase kinase 1/MAP kinase kinase 2, **Alternative Name:**

MAP2K1/MAP2K1, MAPK/ERK kinase 1/MAPK/ERK kinase 2, MAPKK 1/MAPKK 1

Isotype:

Peptide sequence around phosphorylation site of serine 217/221 (I-D-S(p)-M-A) derived from Immunogen Information:

Human MEK1/MEK2.

Description

Catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in a Thr-Glu-Tyr sequence located in MAP kinases. Activates ERK1 and ERK2 MAP kinases.

Product Info

Amount: $50 \mu l / 100 \mu l$

Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM Content:

NaCl, 0.02% sodium azide and 50% glycerol.

Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid Storage condition:

repeated freeze and thaw cycles.

Application Note

Predicted MW: 45kd, Western blotting: 1:500~1:1000, Immunohistochemistry: 1:50~1:100

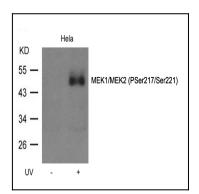


Figure 1: Western blot analysis of extracts from Hela cell untreated or treated with UV MEK1/MEK2(Phospho-Ser217/Ser221) Antibody 35-1192



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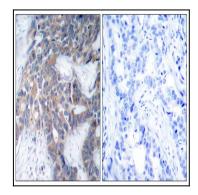


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MEK1/MEK2(Phospho-Ser217/Ser221) Antibody 35-1192 (left) or the same antibody preincubated with blocking peptide(right).