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## 35-1517: Polyclonal Antibody to MEK1 (Ab-221)

Clonality: Polyclonal

Application: WB,IHC

Reactivity: Human,Mouse

Gene: MAP2K1

Gene ID: 5604

Uniprot ID: Q02750

Format: Purified

Alternative Name: ERK activator kinase 1, MAP kinase kinase 1, MAP2K1, MAPK/ERK kinase 1, MAPKK 1

**Isotype:** Rabbit IgG

Immunogen Information: Peptide sequence around aa.219~223 (A-N-S-F-V) derived from Human MEK1.

## **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 μl / 100 μl

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

NaCl, 0.02% sodium azide and 50% glycerol.

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

repeated freeze and thaw cycles.

## **Application Note**

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

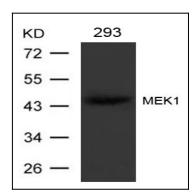


Figure 1: Western blot analysis of extracts from 293 cells using MEK1(Ab-221) Antibody 35-1517



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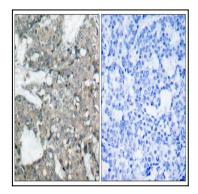


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MEK1(Ab-221) Antibody 35-1517 (left) or the same antibody preincubated with blocking peptide(right).