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## 35-1167: Polyclonal Antibody to SEK1/MKK4 (Phospho-Thr261)

Clonality: Polyclonal Application: IHC,IF

**Reactivity:** Human, Mouse, Rat

Gene : MAP2K4
Gene ID : 6416
Uniprot ID : P45985
Format : Purified

Alternative Name: JNKK, JNKK1, MAP2K4, MAPK/ERK kinase 4, MAPKK 4

**Isotype:** Rabbit IgG

Immunogen Information: Peptide sequence around phosphorylation site of threonine261 (A-K-T(p)-RD) derived from

Human SEK1/MKK4.

## **Description**

Dual specificity kinase that activates the JUN kinases MAPK8 (JNK1) and MAPK9 (JNK2) as well as MAPK14 (p38) but not MAPK1 (ERK2) or MAPK3 (ERK1).

## **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: 44kd, Immunohistochemistry: 1:50~1:100, Immunofluorescence: 1:100~1:200

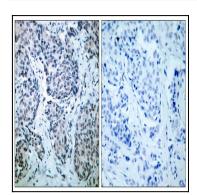


Figure 1: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using SEK1/MKK4(Phospho-Thr261) Antibody 35-1167 (left) or the same antibody preincubated with blocking peptide(right).



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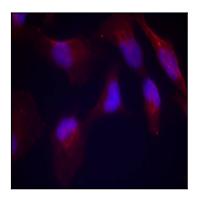


Figure 2: Immunofluorescence staining of methanol-fixed Hela cells using SEK1/MKK4(Phospho-Thr261) Antibody 35-1167 .