

**Manufacturer/Supplier:**

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**Product name:** Rabbit anti-MKK1 (pT292) Antibody

**Catalog:** DL90950A

**Synonyms:** MEK1; PRKMK1; Dual specificity  
mitogen-activated protein kinase kinase 1; MAP  
kinase kinase 1; MAPKK 1; MKK1; ERK activator  
kinase 1; MAPK/ERK kinase 1; MEK 1

**Immunogen:** KLH-conjugated synthetic peptide encompassing a  
sequence within the center region of human MKK1.  
The exact sequence is proprietary.

**Form:** Liquid

**Concentration:** 1mg/mL

**Size:** 100 ul/50 ul

**Host:** Rabbit

**Reactivity:**

**Application:** WB, IHC, IF/IC

Human,Bovine,Dog,Rabbit

**Clonality:** Polyclonal

**Dilution:** WB (1/500 - 1/1000),  
IHC (1/100 - 1/200), IF/IC (1/100 -  
1/500)

**Entrez Gene:** 5604

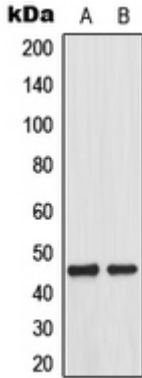
**SwissProt:** Q02750

**Purification:** The antibody was purified by immunogen affinity chromatography.

**Buffer:** Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

**WB description:**

Western blot analysis of MKK1 (pT292) expression in A431 EGF-treated (A), HeLa EGF-treated (B) whole cell lysates.

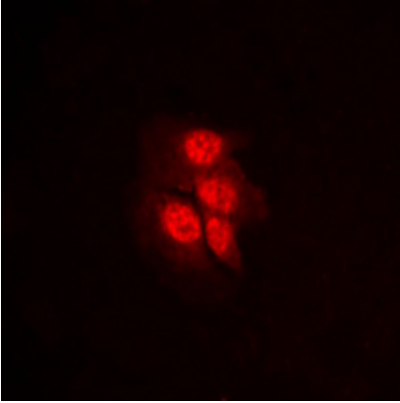


### IHC description:

Immunohistochemical analysis of MKK1 (pT292) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

### IF/ICC description:

Immunofluorescent analysis of MKK1 (pT292) staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary an



**Storage:**

Store at -20°C. Avoid repeated freeze / thaw cycles.