



MKK3 (Phospho-Ser189) Antibody

#11145

Catalog Number: 11145-1, 11145-2

Amount: 50µg/50µl, 100µg/100µl

Swiss-Prot No. : P46734

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from Human MKK3 around the phosphorylation site of serine 189 (V-D-Sp-V-A).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

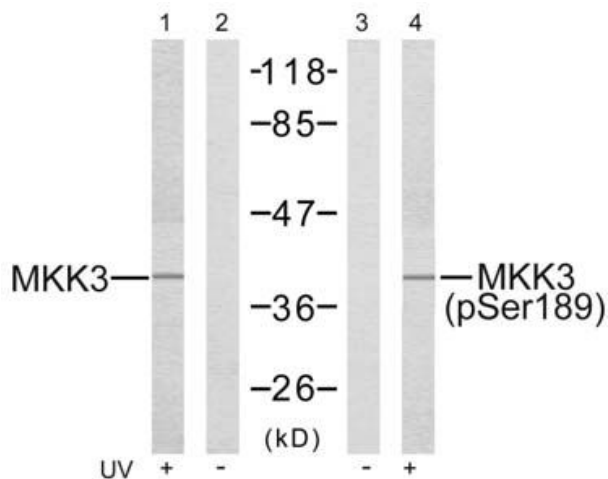
Specificity/Sensitivity: MKK3 (phospho-Ser189) antibody detects endogenous levels of MKK3 only when phosphorylated at serine 189.

Reactivity: Human, Rat

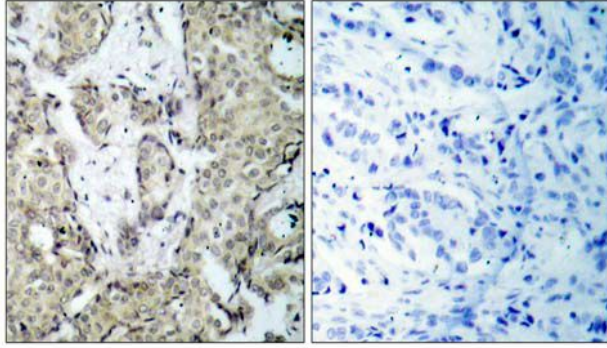
Applications:

Predicted MW: 40kd

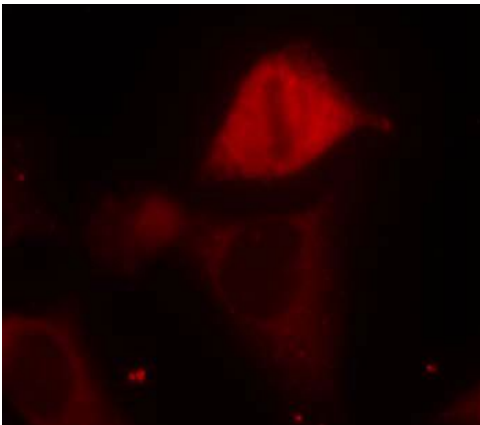
WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:200



Western blot analysis of extract from MDA-MB-435 cells untreated or treated with UV, using MKK3 (Ab-189) antibody (#21116, Lane 1 and 2) and MKK3 (phospho-Ser189) antibody (#11145, Lane 3 and 4).



Immunohistochemical analysis of paraffin- embedded human breast carcinoma tissue, using MKK3 (phospho-Ser189) antibody (#11145).



Immunofluorescence staining of methanol-fixed HeLa cells using MKK3 (phospho-Ser189) antibody (#11145).

Background :

Dual specificity kinase. Is activated by cytokines and environmental stress in vivo. Catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in the MAP kinase p38.

References:

Wang W, et al. (2002) Mol Cell Biol ; 22(10): 3389-403.

Raingeaud J, et al. (1996) Mol Cell Biol; 16(3): 1247-55.