



SEK1/MKK4 (Phospho-Thr261) Antibody

#11176

Catalog Number: 11176-1, 11176-2

Amount: 50µg/50µl, 100µg/100µl

Swiss-Prot No. : P45985

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 SEK1/MKK4 around the phosphorylation site of threonine261 (A-K-T_P-R-D)

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.

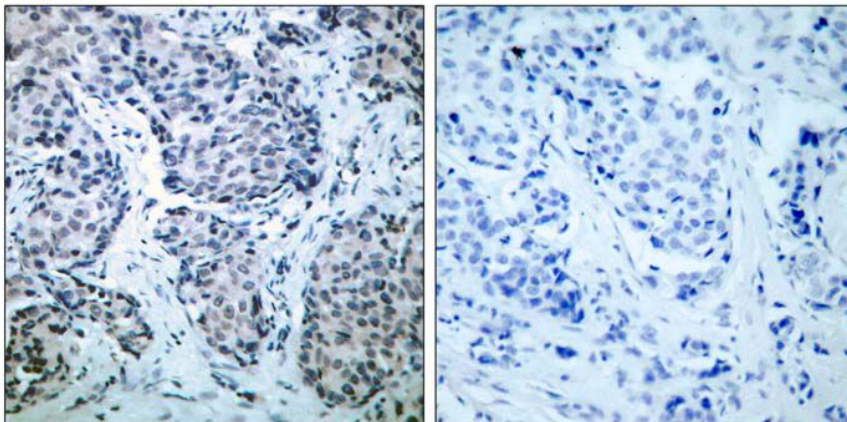
Specificity/Sensitivity: SEK1/MKK4 (phospho-Thr261) antibody detects endogenous levels of SEK1/MKK4 only when phosphorylated at threonine261

Reactivity: Human, Mouse, Rat

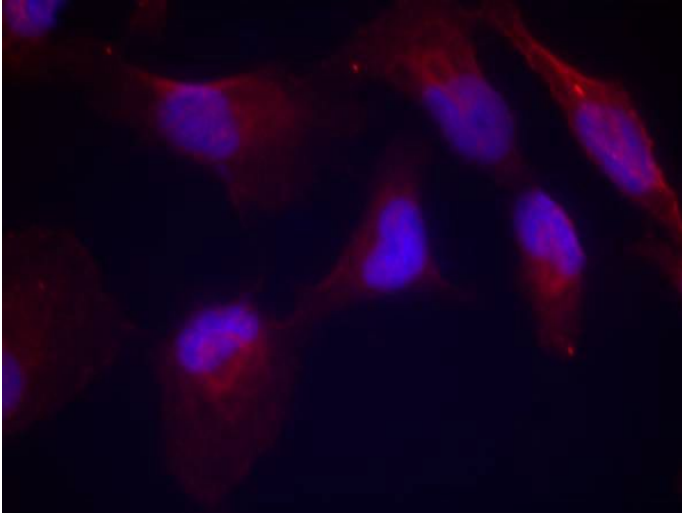
Applications:

Predicted MW: 44kd

IHC: 1:50~1:100 IF: 1:100~1:200



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using SEK1/ MKK4 (phospho-Thr261) antibody (#11176).



Immunofluorescence staining of methanol-fixed HeLa cells using SEK1/ MKK4 (phospho-Thr261) antibody (#11176).

Background :

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).

References:

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

Leung IW, et al. (2001) J Biol Chem; 276(3): 1961-7.