

## SEK1/MKK4(Phospho-Thr261) Antibody

Catalog No: #11176

Package Size: #11176-1 50ul #11176-2 100ul

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## Description

Product Name	SEK1/MKK4(Phospho-Thr261) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	IHC IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of SEK1/MKK4 only when phosphorylated at threonine 261.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of threonine261 (A-K-T(p)-RD) derived from Human SEK1/MKK4.
Target Name	SEK1/MKK4
Modification	Phospho
Other Names	JNKK; JNKK1; MAP2K4; MAPK/ERK kinase 4; MAPKK 4
Accession No.	Swiss-Prot: P45985NCBI Protein: NP_003001.1
Uniprot	P45985
GeneID	6416;
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

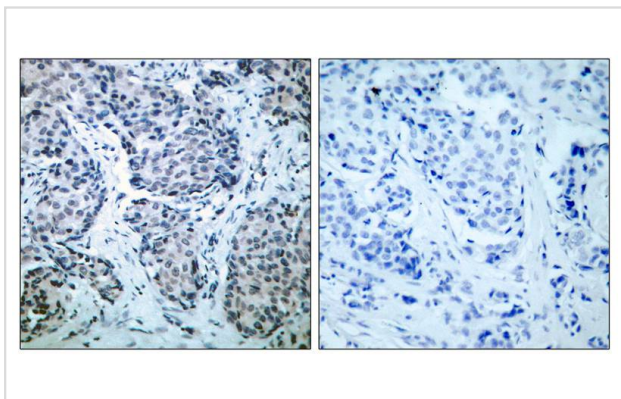
## Application Details

Predicted MW: 44kd

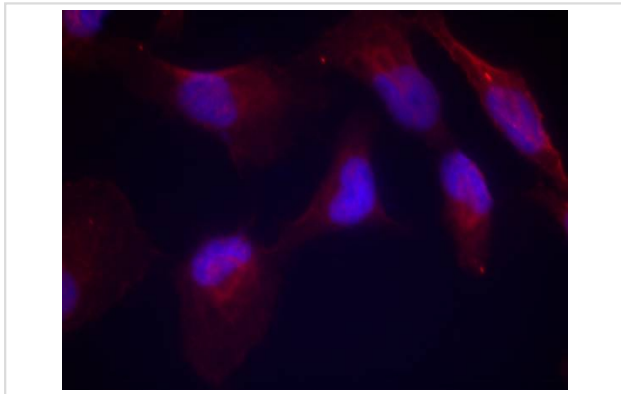
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

## Images



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using SEK1/MKK4(Phospho-Thr261) Antibody #11176(left) or the same antibody preincubated with blocking peptide(right).



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).

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

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

Note: This product is for in vitro research use only