SEK1/MKK4(Phospho-Ser80) Antibody

Catalog No: #11177

Package Size: #11177-1 50ul #11177-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	SEK1/MKK4(Phospho-Ser80) 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 chromatogramphy using non-phosphopeptide.
Applications	WB IHC IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of SEK1/MKK4 only when phosphorylated at serine 80.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 80 (T-H-S(p)-I-E) 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 Mg2+ and Ca2+), 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

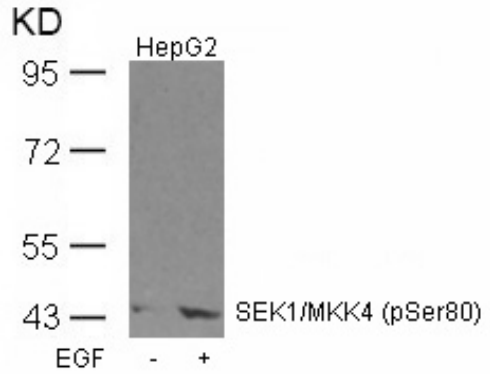
Predicted MW: 44kd

Western blotting: 1:500~1:1000

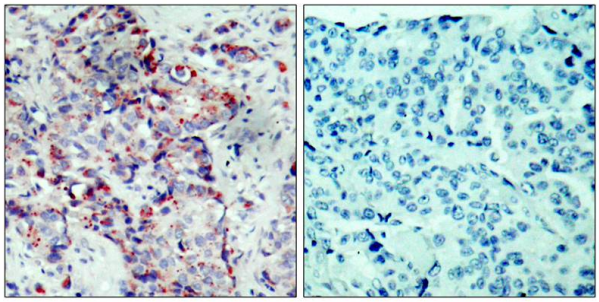
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

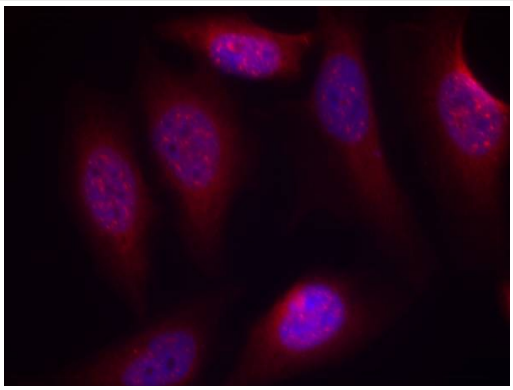
Images



Western blot analysis of extracts from HepG2 cells untreated or treated with EGF using SEK1/MKK4(Phospho-Ser80) Antibody #11177.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using SEK1/MKK4(Phospho-Ser80) Antibody #11177(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed Hela cells using SEK1/MKK4(Phospho-Ser80) Antibody #11177.

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).

Park HS, et al. (2002) J Biol Chem; 277(4): 2573-8.

Note: This product is for in vitro research use only