

## SEK1/MKK4 (Phospho-Thr261) Conjugated Antibody

Catalog No: #C11176



Package Size: #C11176-AF350 100ul #C11176-AF405 100ul #C11176-AF488 100ul

#C11176-AF555 100ul #C11176-AF594 100ul #C11176-AF647 100ul

#C11176-AF680 100ul #C11176-AF750 100ul #C11176-Biotin 100ul

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## Description

Product Name	SEK1/MKK4 (Phospho-Thr261) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of SEK1/MKK4 only when phosphorylated at threonine 261.
Immunogen Description	Peptide sequence around phosphorylation site of threonine261 (A-K-T(p)-RD) derived from Human SEK1/MKK4.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	JNKK;JNKK1;MAP2K4;MAPK/ERK kinase 4;MAPKK 4
Accession No.	Swiss-Prot#:P45985NCBI Gene ID:6416NCBI mRNA#:NM_003010.2 NCBI Protein#:NP_003001.1
Uniprot	P45985
GeneID	6416;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	44
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

## Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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## Product Description

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.

## 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).

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Note: This product is for in vitro research use only