MLK1/2 (Phospho-Thr312/266) Conjugated Antibody

Catalog No: #C11744

Package Size: #C11744-AF350 100ul #C11744-AF405 100ul #C11744-AF488 100ul #C11744-AF555 100ul #C11744-AF594 100ul #C11744-AF647 100ul #C11744-AF680 100ul #C11744-AF750 100ul #C11744-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	MLK1/2 (Phospho-Thr312/266) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of MLK1/2 only when phosphorylated at threonine 312/266.
Immunogen Description	Peptide sequence around phosphorylation site of threonine 312/266(A-G-T(p)-Y-A) derived from Human MLK1/2.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	M3K9;PRKE1;mixed-lineage protein kinase 1
Accession No.	Swiss-Prot#:P80192/Q02779NCBI Gene ID:4293/4294NCBI mRNA#:NM_001284230.1. NCBI Protein#:NP_001271159.1.
Uniprot	P80192
GeneID	4293;
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	121
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

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 chromatogramphy using non-phosphopeptide.

Background

The protein encoded by this gene is a member of the serine/threonine kinase family. This kinase has been shown to activate MAPK8/JNK and MKK4/SEK1, and this kinase itself can be phoshorylated, and thus activated by JNK kinases. This kinase functions preferentially on the JNK signaling pathway, and is reported to be involved in nerve growth factor (NGF) induced neuronal apoptosis.

Note: This product is for in vitro research use only