

MKK3 (Ab-189) Conjugated Antibody

Catalog No: #C21116



Package Size: #C21116-AF350 100ul #C21116-AF405 100ul #C21116-AF488 100ul
 #C21116-AF555 100ul #C21116-AF594 100ul #C21116-AF647 100ul
 #C21116-AF680 100ul #C21116-AF750 100ul #C21116-Biotin 100ul

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Description

Product Name	MKK3 (Ab-189) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous level of total MKK3 protein.
Immunogen Description	Peptide sequence around aa.187~191 (V-D-S-V-A) derived from Human MKK3.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	MAP kinase kinase 3;MAP2K3;MAPK/ERK kinase 3;MAPKK 3;MEK3
Accession No.	Swiss-Prot#:P46734NCBI Gene ID:5606NCBI mRNA#:NM_002756.3 NCBI Protein#:NP_002747.2
Uniprot	P46734
GeneID	5606;
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	40
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 peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

Background

MEK3 belongs to MAPKK family. This kinase is activated by mitogenic and environmental stress, and participates in the MAPK-mediated signaling cascade. It phosphorylates and thus activates p38. This kinase can be activated by insulin, and is necessary for the expression of glucose transporter. Expression of Ras oncogene is found to result in the accumulation of the active form of this kinase, which thus leads to the constitutive activation of p38, and confers oncogenic transformation of primary cells. The inhibition of this kinase is involved in the pathogenesis of *Yersinia pseudotuberculosis*.

Note: This product is for in vitro research use only