

MAPKAP Kinase 2 Conjugated Antibody

Catalog No: #C49768



Package Size: #C49768-AF350 100ul #C49768-AF405 100ul #C49768-AF488 100ul
 #C49768-AF555 100ul #C49768-AF594 100ul #C49768-AF647 100ul
 #C49768-AF680 100ul #C49768-AF750 100ul #C49768-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	MAPKAP Kinase 2 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	MAP kinase activated protein Kinase 2 antibody MAP kinase-activated protein kinase 2 antibody MAPK activated protein kinase 2 antibody MAPK-activated protein kinase 2 antibody MAPK2_HUMAN antibody MAPKAP K2 antibody MAPKAP kinase 2 antibody MAPKAPK 2 antibody MAPKAPK-2 antibody MAPKAPK2 antibody Mitogen activated protein kinase activated protein kinase 2 antibody MK 2 antibody MK2 antibody
Accession No.	Swiss-Prot#:P49137
Uniprot	P49137
GeneID	9261;
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	46 kDa
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

Background

The MAPKAP kinases (for MAP kinase activated protein kinases) are a group of MAP kinase substrates which are themselves kinases. In response to activation, the MAP kinases phosphorylate downstream components on a consensus Pro-X-Ser/Thr-Pro motif. Several kinases that contain this motif have been identified and serve as substrates for the ERK and p38 MAP kinases. These include the serine/threonine kinases Rsk-1 (also designated MAPKAP kinase-1), Rsk-2 and Rsk-3, which are phosphorylated by ERK1 and ERK2. Similarly, p38 phosphorylates and activates the serine/threonine kinases MAPKAP kinase-2 and MAPKAP kinase-3 (also designated 3pK). The serine/threonine kinases Mnk1 and Mnk2 are substrates for both ERK and p38 MAP kinases.

Note: This product is for in vitro research use only