

# MAP3K8 (Phospho-Ser400) Conjugated Antibody

Catalog No: #C11739

Package Size: #C11739-AF350 100ul #C11739-AF405 100ul #C11739-AF488 100ul

#C11739-AF555 100ul #C11739-AF594 100ul #C11739-AF647 100ul

#C11739-AF680 100ul #C11739-AF750 100ul #C11739-Biotin 100ul

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## Description

Product Name	MAP3K8 (Phospho-Ser400) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of MAP3K8 only when phosphorylated at serine 400.
Immunogen Description	Peptide sequence around phosphorylation site of Serine 400(C-Q-S(p)-L-D) derived from HumanMAP3K8.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	C-COT;; M3K8;MAP3K8;TPL2
Accession No.	Swiss-Prot#:P41279NCBI Gene ID:1326NCBI mRNA#:NM_001244134.1. NCBI Protein#:NP_001231063.1.
Uniprot	P41279
GeneID	1326;
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	52
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

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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

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This gene was identified by its oncogenic transforming activity in cells. The encoded protein is a member of the serine/threonine protein kinase family. This kinase can activate both the MAP kinase and JNK kinase pathways. This kinase was shown to activate I $\kappa$ B kinases, and thus induce the nuclear production of NF- $\kappa$ B. This kinase was also found to promote the production of TNF- $\alpha$  and IL-2 during T lymphocyte activation. Studies of a similar gene in rat suggested the direct involvement of this kinase in the proteolysis of NF- $\kappa$ B1,p105 (NFKB1).

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Note: This product is for in vitro research use only