Mnk1 (Ab-385) Conjugated Antibody

Catalog No: #C33288

Package Size: #C33288-AF350 100ul #C33288-AF405 100ul #C33288-AF488 100ul #C33288-AF555 100ul #C33288-AF594 100ul #C33288-AF647 100ul #C33288-AF680 100ul #C33288-AF750 100ul #C33288-Biotin 100ul

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Description

Product Name	Mnk1 (Ab-385) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total Mnk1 protein.
Immunogen Description	Synthesized non-phosphopeptide derived from human Mnk1 around the phosphorylation site of threonine 385 (L-P-T(p)-P-Q).
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	EC 2.7.11.1;kinase Mnk1;Map kinase interacting kinase;MAP kinase signal-integrating kinase 1;MAP kinase-interacting serine/threonine kinase 1
Accession No.	Swiss-Prot#:Q9BUB5NCBI Gene ID:8569
Uniprot	Q9BUB5
GeneID	8569;
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	45
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

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Background

May play a role in the response to environmental stress and cytokines. Appears to regulate translation by phosphorylating EIF4E, thus increasing the affinity of this protein for the 7-methylguanosine-containing mRNA cap.

Note: This product is for in vitro research use only