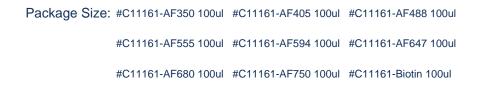
MEK1 (Phospho-Ser221) Conjugated Antibody

Catalog No: #C11161





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Description

Product Name	MEK1 (Phospho-Ser221) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of MEK1 only when phosphorylated at serine 221.
Immunogen Description	Peptide sequence around phosphorylation site of serine 221 (A-N-S(p)-F-V) derived from Human MEK1.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ERK activator kinase 1;MAP kinase kinase 1;MAP2K1;MAPK/ERK kinase 1;MAPKK 1
Accession No.	Swiss-Prot#:Q02750NCBI Gene ID:5604NCBI mRNA#:NM_002755.3NCBI Protein#:NP_002746.1
Uniprot	Q02750
GeneID	5604;
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 st

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 chromatography using non-phosphopeptide.

Background

Catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in a Thr-Glu-Tyr sequence located in MAP kinases. Activates ERK1 and ERK2 MAP kinases.

Note: This product is for in vitro research use only