

p97 MAPK Conjugated Antibody

Catalog No: #C33914



Package Size: #C33914-AF350 100ul #C33914-AF405 100ul #C33914-AF488 100ul
 #C33914-AF555 100ul #C33914-AF594 100ul #C33914-AF647 100ul
 #C33914-AF680 100ul #C33914-AF750 100ul #C33914-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	p97 MAPK Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total p97 MAPK protein.
Immunogen Description	Synthesized peptide derived from internal of human p97 MAPK.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Mitogen-activated protein kinase 6;EC 2.7.11.24;Extracellular signal-regulated kinase 3;ERK-3;MAP kinase isoform p97
Accession No.	Swiss-Prot#:Q16659NCBI Gene ID:5597
Uniprot	Q16659
GeneID	5597;
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	85
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

Product Description

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

Background

Atypical MAPK protein. Phosphorylates microtubule-associated protein 2 (MAP2) and MAPKAPK5. The precise role of the complex formed with MAPKAPK5 is still unclear, but the complex follows a complex set of phosphorylation events: upon interaction with atypical MAPKAPK5, ERK3/MAPK6 is phosphorylated at Ser-189 and then mediates phosphorylation and activation of MAPKAPK5, which in turn phosphorylates ERK3/MAPK6. May promote entry in the cell cycle By similarity.

Note: This product is for in vitro research use only