

MARK2 Conjugated Antibody

Catalog No: #C46607



Package Size: #C46607-AF350 100ul #C46607-AF405 100ul #C46607-AF488 100ul
 #C46607-AF555 100ul #C46607-AF594 100ul #C46607-AF647 100ul
 #C46607-AF680 100ul #C46607-AF750 100ul #C46607-Biotin 100ul

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Description

Product Name	MARK2 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total MARK2 protein.
Immunogen Description	Synthetic peptide corresponding to internal residues of human MARK2
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	EMK1; EMK-1; PAR-1; Par1b; Par-1b
Accession No.	Swiss-Prot#:Q7KZI7NCBI Gene ID:2011NCBI mRNA#:NCBI Protein#:NP_001034558
Uniprot	Q7KZI7
GeneID	2011;
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	88
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

This gene encodes a member of the Par-1 family of serine/threonine protein kinases. The protein is an important regulator of cell polarity in epithelial and neuronal cells, and also controls the stability of microtubules through phosphorylation and inactivation of several microtubule-associating proteins. The protein localizes to cell membranes. Multiple transcript variants encoding different isoforms have been found for this gene.

Note: This product is for in vitro research use only