PKC mu Conjugated Antibody

Catalog No: #C49629

Package Size: #C49629-AF350 100ul #C49629-AF405 100ul #C49629-AF488 100ul #C49629-AF555 100ul #C49629-AF594 100ul #C49629-AF647 100ul #C49629-AF680 100ul #C49629-AF750 100ul #C49629-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	PKC mu Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	KPCD1_HUMAN antibody nPKC D1 antibody nPKC mu antibody nPKC-D1 antibody nPKC-mu antibody nPKCD1 antibody nPKCmu antibody PKC antibody PKC MU antibody PKCM antibody PKCmu antibody PKD 1 antibody PKD antibody PKD1 antibody PRKCM antibody PRKD 1 antibody Prkd1 antibody Protein kinase C mu antibody Protein kinase C mu type antibody Protein kinase D antibody Protein kinase D1 antibody Serine/threonine protein kinase D1 antibody Serine/threonine-protein kinase D1 antibody
Accession No.	Swiss-Prot#:Q15139
Uniprot	Q15139
GeneID	5587;
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	102 kDa
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

Converts transient diacylglycerol (DAG) signals into prolonged physiological effects, downstream of PKC. In epithelial cells, is required for transducing flagellin-stimulated inflammatory responses by binding and phosphorylating TLR5, which contributes to MAPK14/p38 activation and production of inflammatory cytokines. May play a role in inflammatory response by mediating activation of NF-kappa-B. May be involved in pain transmission by directly modulating TRPV1 receptor. Plays a role in activated KRAS-mediated stabilization of ZNF304 in colorectal cancer (CRC) cells. Regulates nuclear translocation of transcription factor TFEB in macrophages upon live S.enterica infection.

Note: This product is for in vitro research use only