

PKC mu Rabbit mAb

Catalog No: #49629



Package Size: #49629-1 50ul #49629-2 100ul

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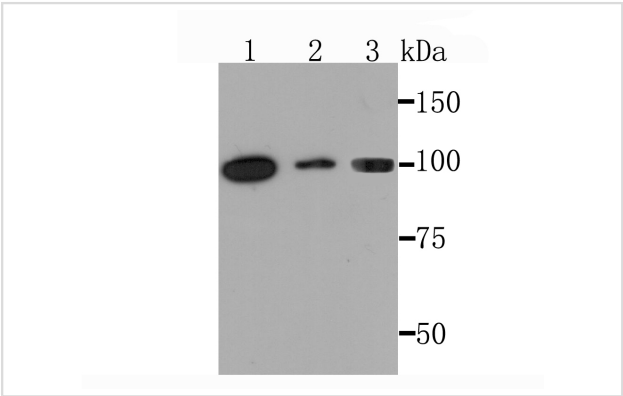
Description

Product Name	PKC mu Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JM30-17
Purification	ProA affinity purified
Applications	WB
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
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;
Calculated MW	102 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:500-1:2,000

Images



Western blot analysis of PKC mu on different cell lysate using anti-PKC mu antibody at 1/1,000 dilution. Positive controls are shown in lanes 1 and 2.
Lane1: HeLa
Lane2: Mouse kidney
Lane3: PC12

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.

References

Note: This product is for in vitro research use only