

PKC beta 1 Rabbit mAb

Catalog No: #49623

Package Size: #49623-1 50ul #49623-2 100ul

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Description

Product Name	PKC beta 1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JM43-26
Purification	ProA affinity purified
Applications	WB, IHC, FC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Other Names	BTN6 antibody BTNL11 antibody MGC26137 antibody MOG alpha 5 antibody MOG alpha 6 antibody MOG AluA antibody MOG AluB antibody MOG antibody MOG Ig AluB antibody MOG_HUMAN antibody MOGIG2 antibody Myelin oligodendrocyte glycoprotein antibody Myelin-oligodendrocyte glycoprotein antibody NRCLP7 antibody
Accession No.	Swiss-Prot#:P05771
Uniprot	P05771
GeneID	5579;
Calculated MW	77 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:500IHC: 1:50-1:200 FC: 1:50-1:100

Background

Members of the protein kinase C (PKC) family play a key regulatory role in a variety of cellular functions, including cell growth and differentiation, gene expression, hormone secretion and membrane function. PKCs were originally identified as serine/threonine protein kinases whose activity was dependent on calcium and phospholipids. Diacylglycerols (DAG) and tumor promoting phorbol esters bind to and activate PKC. PKCs can be subdivided into at least two major classes, including conventional (c) PKC isoforms (α , β I, β II and γ) and novel (n) PKC isoforms δ and ϵ . Patterns of expression for each PKC isoform differ among tissues and PKC family members exhibit clear differences in their cofactor dependencies. For instance, the kinase activities of PKC δ and ϵ are independent of Ca^{2+} . On the other hand, most of the other PKC members possess phorbol ester-binding activities and kinase activities.

References

Note: This product is for in vitro research use only