Data Sheet (Cat.No.TMAC-03313)

Anti-PKC beta 1 Antibody (9W174)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 77 kDa.
Clone:	9W174
Purification:	ProA affinity purified

Applications

Application:	FCM,IHC,WB
Recommended	WB: 1:500; IHC: 1:50-200; FCM: 1:50-100

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein
Synonyms:	MOG alpha 6;MOG Ig AluB;MGC26137;MOG AluB;BTN6;PKCβ1;NRCLP7;Myelin-oligodendrocyte glycoprotein;PKCbeta1;MOG alpha 5;PKC b 1;PKC β 1;Myelin oligodendrocyte glycoprotein; MOGIG2;PKCb1;MOG;MOG AluA;MOG_HUMAN;BTNL11

Research 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, βI, βII and γ) and novel (n) PKC isoformsandv. 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 Ca2+. On the other hand, most of the other PKC members possess phorbol ester-binding activities and kinase activities.

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481