

## PRKCZ(Phospho-Thr410) Antibody FITC Conjugated

Catalog No: #C05848F

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## Description

Product Name	PRKCZ(Phospho-Thr410) Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	ICC IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic phosphopeptide derived from human PRKCZ around the phosphorylation site of Thr410
Conjugates	FITC
Target Name	PRKCZ Thr410
Other Names	PRKCZphospho T410; PRKCZphospho Thr410; p-PRKCZT410; rotein Kinase C; AAG6; Aging associated gene 6; MGC129900; MGC129901; MGC41878; MGC57564; PKC B; PKC beta; PKC zeta; PKC2; PKCB; PKCC; PKCD; PKCE; PKCG; PRKACA; PRKC A; PRKC G; PRKCA; PRKCB; PRKCB1; PRKCB2; PRKCD; PRKCE; PRKCG; PRKCZ ; Protein kin
Accession No.	NCBI Gene ID5590
Uniprot	Q05513
GenID	5590;
Excitation Emission	494nm 518nm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

ICC=1:50-200 IF=1:50-200

## Background

Protein kinase C (PKC) zeta is a member of the PKC family of serine threonine kinases which are involved in a variety of cellular processes such as proliferation, differentiation and secretion. Unlike the classical PKC isoenzymes which are calcium-dependent, PKC zeta exhibits a kinase activity which is independent of calcium and diacylglycerol but not of phosphatidylserine. Furthermore, it is insensitive to typical PKC inhibitors and cannot be activated by phorbol ester. Unlike the classical PKC isoenzymes, it has only a single zinc finger module. These structural and biochemical properties indicate that the zeta subspecies is related to, but distinct from other isoenzymes of PKC. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008].

Note: This product is for in vitro research use only