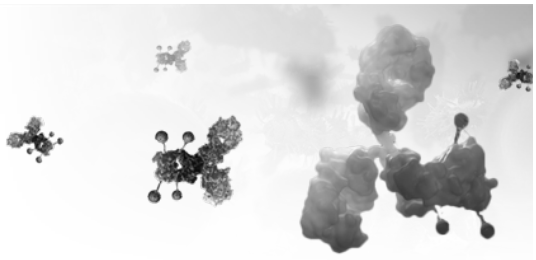

Anti-PRKCE monoclonal antibody, clone 2C5 (DCABH-433)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to PKC epsilon
Antigen Description	This is calcium-independent, phospholipid-dependent, serine- and threonine-specific enzyme.PKC is activated by diacylglycerol which in turn phosphorylates a range of cellular proteins. PKC also serves as the receptor for phorbol esters, a class of tumor promoters.
Immunogen	Recombinant full length Human PKC epsilon produced in HEK293T cells (NP_005391).
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Dog, Human, Monkey
Clone	2C5
Purification	This antibody is purified from Mouse ascites fluid by affinity chromatography.
Conjugate	Unconjugated
Applications	WB, IHC-P, Flow Cyt, ICC/IF
Positive Control	Human kidney, prostate, prostate carcinoma and lymphoma tissues; HEK293T cell lysate transfected with pCMV6-ENTRY PKC epsilon cDNA; HepG2 Hela, COS7, MDCK, HT29 and A549 cell extracts; Transfected COS7 cells transiently transfected by pCMV6-ENTRY PKC epsi
Format	Liquid
Size	100 µl
Buffer	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 48% PBS, 50% Glycerol, 1% BSA

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Preservative	0.02% Sodium Azide
Storage	store at -20°C. Avoid repeated freeze / thaw cycles.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	PRKCE protein kinase C, epsilon [Homo sapiens]
Official Symbol	PRKCE
Synonyms	PRKCE; protein kinase C, epsilon; protein kinase C epsilon type; PKCE; nPKC-epsilon; MGC125656; MGC125657;
Entrez Gene ID	5581
Protein Refseq	NP_005391
UniProt ID	L7RTI5
Chromosome Location	2p21
Pathway	B Cell Receptor Signaling Pathway, organism-specific biosystem; CDC42 signaling events, organism-specific biosystem; Calcium Regulation in the Cardiac Cell, organism-specific biosystem; DAG and IP3 signaling, organism-specific biosystem; Disease, organism-specific biosystem; Downstream signal transduction, organism-specific biosystem; Downstream signaling in naive CD8+ T cells, organism-specific biosystem;
Function	ATP binding; SH3 domain binding; actin monomer binding; calcium-independent protein kinase C activity; enzyme activator activity; enzyme binding; ethanol binding; metal ion binding; nucleotide binding; protein kinase C activity; protein kinase binding; re

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