

Anti-PKC theta Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

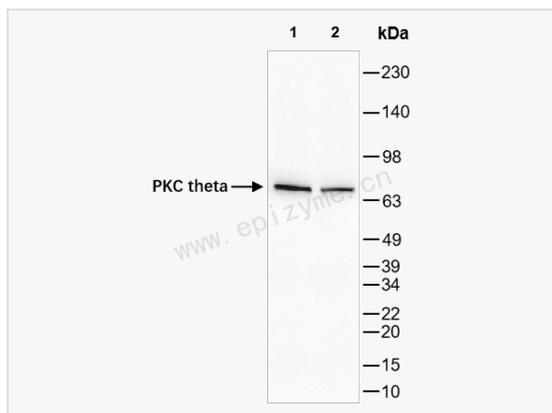
Catalog # R015575

Product Information

Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	68D62L50
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human PKC theta
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-PKC theta Rabbit mAb [68D62L50] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	KPCT_HUMAN; MGC126514; MGC141919; nPKC theta; nPKC-theta; nPKCtheta; OTTHUMP00000043364; OTTHUMP00000043365; PKC 0; PKC0; Prkcq; PRKCT; Protein kinase C theta; Protein kinase C theta type; Protein Kinase Ctheta.
Calculated MW	Calculated MW: 82 kDa; Observed MW: 75 kDa
Uniprot ID	Q04759
Gene ID	5588
Background	Protein kinase C (PKC) is a family of serine- and threonine-specific protein kinases that can be activated by calcium and the second messenger diacylglycerol. PKC family members phosphorylate a wide variety of protein targets and are known to be involved in diverse cellular signaling pathways. PKC family members also serve as major receptors for phorbol esters, a class of tumor promoters. Each member of the PKC family has a specific expression profile and is believed to play a distinct role. The protein encoded by this gene is one of the PKC family members. It is a calcium-independent and phospholipid-dependent protein kinase. This kinase is important for T-cell activation. It is required for the activation of the transcription factors NF-kappaB and AP-1, and may link the T cell receptor (TCR) signaling complex to the activation of the transcription factors. [provided by RefSeq, Jul 2008]
Tissue Location	Skeletal muscle, megakaryoblastic cells and platelets.



Western Blot - Anti-PKC theta Rabbit mAb [68D62L50]

All lanes: R015575 at 1:1,000 dilution

Lane 1: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 2: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lysates/proteins at 10 μ g per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 82 kDa

Observed band size: 75 kDa

Developed using the ECL technique (Cat. No. SQ201).