

PRKCB Antibody, FITC conjugated



PAC055080

Product Information

Size:

50ug

Protein Background:

Calcium-activated, phospholipid- and diacylglycerol (DAG)-dependent serine/threonine-protein kinase involved in various cellular processes such as regulation of the B-cell receptor (BCR) signalosome, oxidative stress-induced apoptosis, androgen receptor-dependent transcription regulation, insulin signaling and endothelial cells proliferation. Plays a key role in B-cell activation by regulating BCR-induced NF-kappa-B activation. Mediates the activation of the canonical NF-kappa-B pathway (NFKB1) by direct phosphorylation of CARD11/CARMA1 at 'Ser-559', 'Ser-644' and 'Ser-652'. Phosphorylation induces CARD11/CARMA1 association with lipid rafts and recruitment of the BCL10-MALT1 complex as well as MAP3K7/TAK1, which then activates IKK complex, resulting in nuclear translocation and activation of NFKB1.

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Gene ID:**Applications:**

ELISA

PRKCB

Recommended dilutions:

Uniprot

P05771

Synonyms:

Protein kinase C beta type (PKC-B) (PKC-beta) (EC 2.7.11.13), PRKCB, PKCB PRKCB1

Immunogen:

Recombinant Human Protein kinase C β type protein (517-643AA).

Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

Product Images

N/A

N/A