

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

PKC BETA 1 RABBIT MAB

Cat.#: N262725

Product Name: Anti-PKC beta 1 Rabbit Monoclonal Antibody

Synonyms: PRKCB; PKCB; PRKCB2; Protein kinase C beta type; PKC-B; PKC-

beta

UNIPROT ID: P05771

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 (NFKBI) by direct phosphorylation of CARDII/CARMAI at 'Ser-559', 'Ser-644' and 'Ser-652'.

Immunogen: A synthetic peptide of human PKC beta 2

Applications: WB,ICC/IF,IP

Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R05-3F4

MW: Calculated MW: 77 kDa; Observed MW: 77 kDa

Isotype: IgG

Purification: Affinity Purified
Species Reactivity: Human,Rat
Conjugation: Unconjugated
Modification: Unmodified

Constituents: PBS (without Mg2+ and Cg2+), pH 7.3 containing 50%

glycerol, 0.5% BSA and 0.02% sodium azide

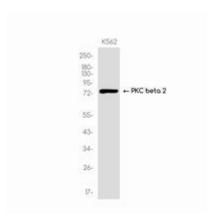
Research Areas: Signal Transduction

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

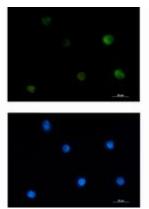


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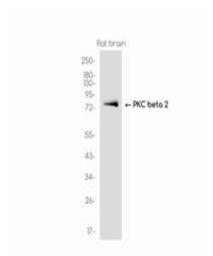
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Western blot analysis of PKC beta 1 in K562 lysates using PKC beta 1 antibody



Immunocytochemistry analysis of PKC beta 1 (green) in K562 using PKC beta 1 antibody, and DAPI(blue).



Western blot analysis of PKC beta 1 in rat brain lysates using PKC beta 1 antibody.