

PKC beta 2 monoclonal antibody

Catalog: MB12315

Host: Rabbit

Reactivity: Human,Rat

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'.

Product:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

Molecular Weight:

Calculated MW: 77 kDa; Observed MW: 77 kDa

Swiss-Prot:

P05771

Purification&Purity:

Affinity Purified

Applications:

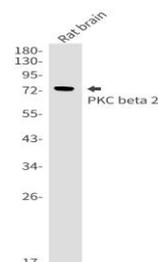
WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200
IP: 1/20

Storage&Stability:

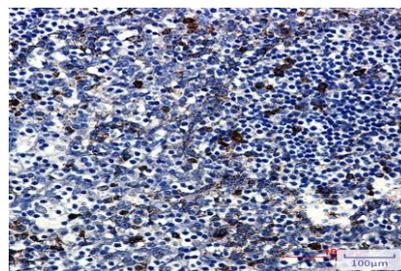
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:

Immunocytochemistry analysis of PKC beta 2 in K562 using PKC beta 2 antibody, and DAPI.



Western blot analysis of PKC beta 2 in rat brain lysates using PKC beta 2 antibody. Observed band size: 77kDa.

Western blot analysis of PKC beta 2 in HeLa, A549, U2OS, U87-MG lysates using PKC beta 2 antibody

Immunohistochemistry analysis of paraffin-embedded Human tonsil using PKC beta 2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note:

For research use only, not for use in diagnostic procedure.

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