

Anti-PKC epsilon Monoclonal Antibody

Catalog Number: M01151

About PRKCE

Activated by icilin, eucalyptol, menthol, cold and modulation of intracellular pH. Involved in menthol sensation. Permeable for monovalent cations sodium, potassium, and cesium and divalent cation calcium.

Overview

Product Name	Anti-PKC epsilon Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-PKC epsilon Monoclonal Antibody catalog # M01151. Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IF, IHC, ICC, WB
Clonality	Monoclonal ACDA-16
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q02156

Technical Details

Immunogen	A synthesized peptide derived from human PKC epsilon 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.
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

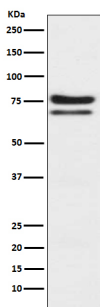
WB 1:500-1:2000

IHC 1:50-1:200

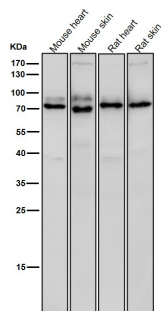
ICC/IF 1:50-1:200

FC 1:80

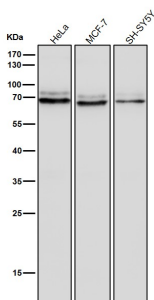
Anti-PKC epsilon Monoclonal Antibody (M01151) Images



Western blot analysis of PKC epsilon expression in Jurkat cell lysate.



All lanes use the Antibody at 1:1W dilution for 1 hour at room temperature.



All lanes use the Antibody at 1:1W dilution for 1 hour at room temperature.

2 Publications Citing This Product

1. PubMed ID: 27602102, Low expression of PKC? and high expression of KRAS predict poor prognosis in patients with colorectal cancer
2. PubMed ID: 25160038, Extracts from Salvia-Nelumbinis naturalis alleviate hepatosteatosis via improving hepatic insulin sensitivity

Visit bosterbio.com/anti-pkc-epsilon-antibody-m01151-boster.html to see all 2 publications.

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