

Anti-PRKCE Antibody Picoband® Fluoro488 Conjugated

Catalog Number: A01151-1-Fluoro488

About PRKCE

Protein kinase C epsilon type, also known as PKCE, is an enzyme that in humans is encoded by the PRKCE gene. The protein encoded by this gene is one of the PKC family members. PRKCE is mapped to 2p21. This kinase has been shown to be involved in many different cellular functions, such as apoptosis, cardioprotection from ischemia, heat shock response, as well as insulin exocytosis. It has been found that activation of PRKCE can induce VR1 channel activity at room temperature in the absence of any other agonist. PRKCE gene plays a role in apoptosis signaling pathways in thyroid cells and it has been indicated that a naturally occurring PRKCE mutant that functions as a dominant negative can block cell death triggered by a variety of stimuli. Expression of PRKCE inhibits chemotherapy-induced caspase-3 activation and apoptosis, thereby leading to cell survival.

Overview

Product Name	Anti-PRKCE Antibody Picoband® Fluoro488 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Flow Cytometry
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	Q02156

Technical Details

Immunogen	E.coli-derived human PRKCE recombinant protein (Position: M1-K690).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

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