

Nur für Forschungszwecke

PKC Iota Monoklonaler Antikörper

Katalog-Nr.:CL594-66493



Allgemeine Informationen

| | | |
|---|--|---|
| Katalog-Nr.: CL594-66493 | GenBank-Zugangsnummer: BC022016 | Reinigungsmethode: Protein-A-Reinigung |
| Größe: 100ul , Konzentration: 1000 µg/ml von5584 Nanodrop; | GeneID (NCBI): 5584 | CloneNo.: 3A1B6 |
| Wirt: Maus | Vollständiger Name: protein kinase C, iota | Empfohlene Verdünnungen: IF 1:50-1:500 |
| Isotyp: IgG2a | Berechnete Masse: 68 kDa | Anregungs-/Emissionsmaxima- Wellenlängen: 588 nm / 604 nm |
| Immunogen Katalognummer: AG4990 | | |

Anwendungen

| | |
|---|--|
| Geprüfte Anwendungen: FC (Intra), IF | Positivkontrollen: IF : HeLa-Zellen, |
| Getestete Reaktivität: Human, Maus, Ratte | |

Hintergrundinformationen

The atypical protein kinase C isoform PRKC iota (PRKCI) is a member of the protein kinase C (PKC) family of serine/threonine protein kinases. PKC family comprises at least eight members, which are differentially expressed and are involved in a wide variety of cellular processes. PRKC iota is calcium-independent and phospholipid-dependent. It is not activated by phorbol esters or diacylglycerol. This kinase can be recruited to vesicle tubular clusters (VTCs) by direct interaction with the small GTPase RAB2, where this kinase phosphorylates glyceraldehyde-3-phosphate dehydrogenase (GAPD/GAPDH) and plays a role in microtubule dynamics in the early secretory pathway. This kinase is found to be necessary for BCL-ABL-mediated resistance to drug-induced apoptosis and therefore protects leukemia cells against drug-induced apoptosis. PRKC iota plays a key role in cell proliferation, differentiation, and carcinogenesis, and it has been shown to be a human oncogene.

Lagerung

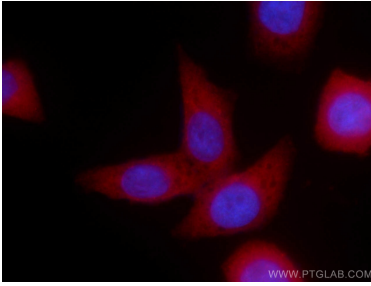
Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.
Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

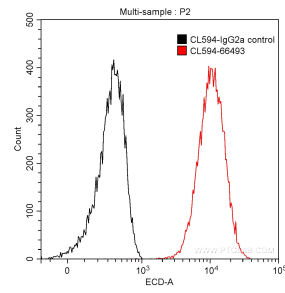
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CL594-66493 (PKC iota antibody) at dilution of 1:50.



1×10^6 HeLa cells were intracellularly stained with 0.2 μg CoraLite®594 Anti-Human PKC Iota (CL594-66493, Clone:3A1B6) (red), and 0.2 μg Control Antibody. Cells were fixed with 4% PFA and permeabilized with 0.1% TritonX-100.