

À des fins de recherche uniquement

Anticorps Monoclonal anti-PKC Iota

Numéro de catalogue: **CL647-66493** **Phare**



Informations de base

Numéro de catalogue: CL647-66493	Numéro d'acquisition GenBank: BC022016	Méthode de purification: Purification par protéine A
Taille: 100ul , Concentration: 1 mg/mL by Nanodrop;	Identification du gène (NCBI): 5584	CloneNo.: 3A1B6
Hôte: Mouse	Nom complet: protein kinase C, iota	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Isotype: IgG2a	MW calculé 68 kDa	
Immunogen Catalog Number: AG4990	MW observés: 70 kDa	

Applications

Applications testées:
FC (Intra)

Spécificité de l'espèce:
Humain, rat, souris

Informations générales

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.

Stockage

Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.

Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.
L'aliquotage n'est pas nécessaire pour le stockage à -20C

***** Les 20ul contiennent 0,1% de BSA.**

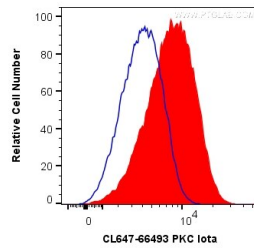
For technical support and original validation data for this product please contact:

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Données de validation sélectionnées



1X10⁶ HeLa cells were intracellularly stained with 0.2 ug CoraLite® Plus 647 Anti-Human PKC Iota (CL647-66493, Clone:3A1B6) (red), or 0.2 ug APC-65128 ; APC Mouse IgG2b Isotype Control (APC-65128, Clone: MPC-11) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).