

Nur für Forschungszwecke

PLK1 Polyklonaler Antikörper

Katalog-Nr.: CL555-10305

Vorgestelltes Produkt



Allgemeine Informationen

Katalog-Nr.: CL555-10305	GenBank-Zugangsnummer: BC002369	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 100ul, Konzentration: 1 mg/mL von Nanodrop;	GeneID (NCBI): 5347	Anregungs-/Emissionsmaxima-Wellenlängen: 554 nm / 570 nm
Wirt: Kaninchen	Vollständiger Name: polo-like kinase 1 (Drosophila)	
Isotyp: IgG	Berechnete Masse: 68 kDa	
Immunogen Katalognummer: AG0284	Beobachtete Masse: 62 kDa	

Anwendungen

Geprüfte Anwendungen:
FC (Intra)

Getestete Reaktivität:
Human, Maus, Ratte

Hintergrundinformationen

PLK1 (Polo-like kinase 1), also named as PLK and STPK13, belongs to the protein kinase superfamily, Ser/Thr protein kinase family and CDC5/Polo subfamily. PLK1 is a Serine/threonine-protein kinase that performs several important functions throughout M phase of the cell cycle, including the regulation of centrosome maturation and spindle assembly, the removal of cohesins from chromosome arms, the inactivation of APC/C inhibitors, and the regulation of mitotic exit and cytokinesis. The localization of Polo changes during the cell cycle. In interphase, Polo shows a mostly diffuse cytoplasmic localization. Polo becomes concentrated on centrosomes from early prophase and appears on centromeres or kinetochores from late prophase, before nuclear envelope breakdown (NEB). After anaphase onset, Polo relocates to the central spindle and remains enriched at the midbody ring in late stages of cytokinesis (PMID: 29167465).

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.

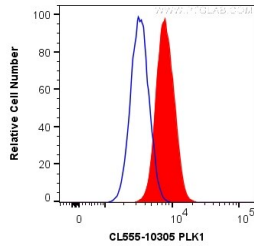
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 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



1X10⁶ A549 cells were intracellularly stained with 0.2 ug CoraLite® Plus 555 Anti-Human PLK1 (CL555-10305) (red), or 0.2 ug CL555 Rabbit Isotype Control Antibody (CL555-30000) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).