

Nur für Forschungszwecke

NEK2 Monoklonaler Antikörper

Katalog-Nr.:CL594-66632



Allgemeine Informationen

Katalog-Nr.: CL594-66632	GenBank-Zugangsnummer: BC043502	Reinigungsmethode: Protein-G-Reinigung
Größe: 100ul , Konzentration: 1000 µg/ml von4751 Nanodrop;	GeneID (NCBI): 4751	CloneNo.: 3D7B4
Wirt: Maus	Vollständiger Name: NIMA (never in mitosis gene a)- related kinase 2	Anregungs-/Emissionsmaxima- Wellenlängen: 588 nm / 604 nm
Isotyp: IgG1	Berechnete Masse: 52 kDa	
Immunogen Katalognummer: AG21476	Beobachtete Masse: 48 kDa	

Anwendungen

Geprüfte Anwendungen:
FC (Intra)

Getestete Reaktivität:
Human, Maus, Ratte

Hintergrundinformationen

NEK2, also named as HSPK 21, belongs to the NEK family. NEK2 is well recognized as a multifunctional protein with roles in cell cycle regulation, such as centrosome duplication and separation, microtubule stabilization, kinetochore attachment and spindle assembly checkpoint. NEK2 is highly expressed in several cancer types, such as cholangiocarcinoma, breast, colorectal, and pancreatic cancer. NEK2 in mammals has three splice variants: NEK2A, NEK2B, and NEK2C. NEK2A is evenly distributed within the nuclei and cytoplasm, while NEK2B is mainly distributed in the cytoplasm, and NEK2C is mainly distributed in the nuclear region. As NEK2A, NEK2B and NEK2C exhibit overlapping or identical substrate usage, these variants are collectively referred to here as NEK2 (PMID:31092416).

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen.

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

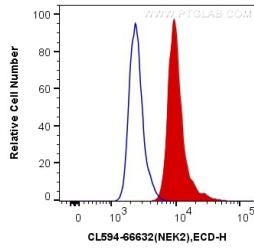
For technical support and original validation data for this product please contact:

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Ausgewählte Validierungsdaten



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug Coralite®594 Anti-Human NEK2 (CL594-66632, Clone:3D7B4) (red), or 0.4 ug Mouse IgG1 Isotype Control (CL594-66360, Clone: T1F8D3F10) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).