

Allgemeine Informationen

Katalog-Nr.: CL488-67103	GenBank-Zugangsnummer: BC031061	Reinigungsmethode: Protein-A-Reinigung
Größe: 100ul, Konzentration: 1000 µg/ml von4173	GeneID (NCBI): von4173	CloneNo.: 2H2A1
Nanodrop;	Vollständiger Name: minichromosome maintenance complex component 4	Anregungs-/Emissionsmaxima-Wellenlängen: 493 nm / 522 nm
Wirt: Maus	Berechnete Masse: 863 aa, 97 kDa	
Isotyp: IgG2b	Beobachtete Masse: 97 kDa	
Immunogen Katalognummer: AG28642		

Anwendungen

Geprüfte Anwendungen:
FC (Intra)

Getestete Reaktivität:
Human, Maus, Ratte

Hintergrundinformationen

DNA replication licensing factor MCM4 (MCM4), also named Cdc21, acts as component of the MCM2-7 complex (MCM complex) which is the putative replicative helicase essential for 'once per cell cycle' DNA replication initiation and elongation in eukaryotic cells. The active ATPase sites in the MCM2-7 ring are formed through the interaction surfaces of two neighboring subunits such that a critical structure of a conserved arginine finger motif is provided in trans relative to the ATP-binding site of the Walker A box of the adjacent subunit. The six ATPase active sites, however, are likely to contribute differentially to the complex helicase activity.

Lagerung

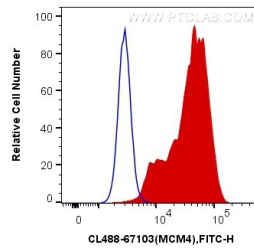
Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.

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**

Ausgewählte Validierungsdaten



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human MCM4 (CL488-67103, Clone:2H2A1) (red), or 0.4 ug Mouse IgG2b Isotype Control (CL488-66360-3, Clone: K11B8C4B5) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).