

À des fins de recherche uniquement

Anticorps Monoclonal anti-CDC6

Numéro de catalogue: **CL488-66021**



Informations de base

Numéro de catalogue:	CL488-66021	Numéro d'acquisition GenBank:	BC025232	Méthode de purification:	Purification par protéine G
Taille:	100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI):	990	CloneNo.:	6F12D2
Hôte:	Mouse	Nom complet:	cell division cycle 6 homolog (S. cerevisiae)	Dilutions recommandées:	IF 1:50-1:500
Isotype:	IgG1	MW calculé	560 aa, 63 kDa	Excitation/Emission maxima wavelengths:	493 nm / 522 nm
Immunogen Catalog Number:	AG17958	MW observés:	65 kDa		

Applications

Applications testées:	FC (Intra), IF	Contrôles positifs:	IF : cellules HepG2,
Spécificité de l'espèce:	Humain, rat, souris		

Informations générales

CDC6, also named as CDC18L and HsCDC18, belongs to the CDC6/cdc18 family. It is involved in the initiation of DNA replication and functions as a regulator at the early steps of DNA replication. It also participates in checkpoint controls that ensure DNA replication is completed before mitosis is initiated. It localizes in cell nucleus during cell cycle G1, but translocates to the cytoplasm at the start of S phase. The subcellular translocation of this protein during cell cycle is regulated through its phosphorylation by Cdk. Defects in CDC6 are the cause of Meier-Gorlin syndrome type 5 (MGORS5). MGORS5 is a syndrome characterized by bilateral microtia, aplasia/hypoplasia of the patellae, and severe intrauterine and postnatal growth retardation with short stature and poor weight gain. This antibody is a mouse monoclonal antibody raised against residues near the C terminus of human CDC6.

Stockage

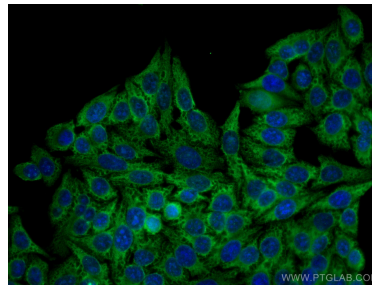
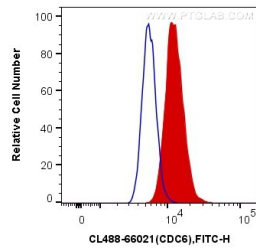
Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human CDC6 (CL488-66021, Clone: 6F12D2) (red), or 0.4 ug Mouse IgG1 Isotype Control (CL488-66360, Clone: T1F8D3F10) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).

Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using CoraLite® Plus 488 CDC6 antibody (CL488-66021, Clone: 6F12D2) at dilution of 1:200.