

Anticorps Monoclonal anti-CDC6

Numéro de catalogue: **CL555-66021**

Informations de base

Numéro de catalogue:	CL555-66021	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)	Excitation/Emission maxima wavelengths:	557 nm / 570nm
Isotype:	IgG1	MW calculé	560 aa, 63 kDa		
Immunogen Catalog Number:	AG17958	MW observés:	65 kDa		

Applications

Applications testées:
FC (Intra)
Spécificité de l'espèce:
Humain, rat, souris

Informations générales

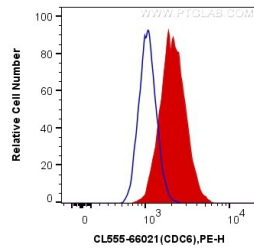
CDC6, also named as CDC18L and HsCDC18, belongs to the CDC6/cdc18 family. It is involved in the initiation of DNA replication and functions as a regulator at the early steps of DNA replication. It also participates in checkpoint controls that ensure DNA replication is completed before mitosis is initiated. 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.

Données de validation sélectionnées



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug CoraLite® 555 Anti-Human CDC6 (CL555-66021, Clone:6F12D2) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).