

For Research Use Only

MultiPro™ 5CFLX Anti-Human Cyclin D3 (1F2C6)



Catalog Number: G66357-1-5C

Basic Information

Catalog Number: G66357-1-5C	GenBank Accession Number: BC011616	CloneNo.: 1F2C6
Size: 500ug/mL	GeneID (NCBI): 896	Conjugate: 5CFLX
Source: Mouse	ENSEMBL Gene ID: ENSG00000112576	Full Oligo Sequence: CGGAGATGTGTATAAGACAGCCTA AGTTCTAACAGCCCATATAAGAAA
Isotype: IgG1	UNIPROT ID: P30281	Barcode Sequence: CCTAAGTTCTAACAG
Immunogen Catalog Number: AG22825	Full Name: MultiPro™ 5CFLX Anti-Human Cyclin D3 (1F2C6)	

Applications

Tested Applications:
Single Cell (Intra)

Species Specificity:
Human

Background Information

Cyclin D3 belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. This cyclin forms a complex with and functions as a regulatory subunit of CDK4 or CDK6, whose activity is required for cell cycle G1/S transition. This protein has been shown to interact with and be involved in the phosphorylation of tumor suppressor protein Rb. The CDK4 activity associated with this cyclin was reported to be necessary for cell cycle progression through G2 phase into mitosis after UV radiation.

Storage

Storage:
2-8°C
Storage Buffer:
PBS with 1mM EDTA and 0.09% sodium azide

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

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data