

For Research Use Only

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



Catalog Number: G66357-1-5C

## Basic Information

<b>Catalog Number:</b> G66357-1-5C	<b>GenBank Accession Number:</b> BC011616	<b>CloneNo.:</b> 1F2C6
<b>Size:</b> 10ug, Concentration: 500ug/mL by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 896	<b>Conjugate:</b> 5CFLX
<b>Source:</b> Mouse	<b>ENSEMBL Gene ID:</b> ENSG00000112576	<b>Full Oligo Sequence:</b> CGGAGATGTGTATAAGACAGCCTA AGTTCTAACAGCCCATATAAGAAA
<b>Isotype:</b> IgG1	<b>UNIPROT ID:</b> P30281	<b>Barcode Sequence:</b> CCTAAGTTCTAACAG
<b>Immunogen Catalog Number:</b> AG22825	<b>Full Name:</b> 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:  
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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## Selected Validation Data