

For Research Use Only

# CoraLite® Plus 488-conjugated CCNY Monoclonal antibody



Catalog Number: CL488-66865

## Basic Information

<b>Catalog Number:</b> CL488-66865	<b>GenBank Accession Number:</b> BC104773	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 219771	<b>CloneNo.:</b> 2C9E3
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q8ND76	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Isotype:</b> IgG1	<b>Full Name:</b> cyclin Y	
<b>Immunogen Catalog Number:</b> AG12691	<b>Calculated MW:</b> 33 kDa, 39 kDa	
	<b>Observed MW:</b> 37 kDa	

## Applications

**Tested Applications:**  
FC (Intra)

**Species Specificity:**  
Human, Rat, Mouse

## Background Information

CCNY, also named as C10orf9, CBCP1, CFP1, is a novel cyclin. CCNY acts as a cell-cycle regulator of Wnt signaling pathway during G2/M phase by recruiting CDK14/PFTK1 to the plasma membrane and promoting phosphorylation of LRP6, leading to the activation of the Wnt signaling pathway.

## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

**Aliquoting is unnecessary for -20°C storage**

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

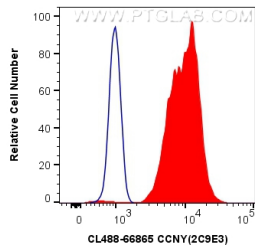
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**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



1X10<sup>6</sup> HEK-293 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human CCNY (CL488-66865, Clone:2C9E3) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).