

For Research Use Only

# CoraLite® Plus 647-conjugated CDK2 Polyclonal antibody



Catalog Number: CL647-10122

Featured Product

## Basic Information

<b>Catalog Number:</b> CL647-10122	<b>GenBank Accession Number:</b> BC003065	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 1017	<b>Excitation/Emission maxima wavelengths:</b> 654 nm / 674 nm
<b>Source:</b> Rabbit	<b>Full Name:</b> cyclin-dependent kinase 2	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 33 kDa	
<b>Immunogen Catalog Number:</b> AG0166	<b>Observed MW:</b> 33 kDa	

## Applications

**Tested Applications:**  
FC (Intra)

**Species Specificity:**  
human, mouse, rat

## Background Information

CDK2(Cyclin-dependent kinase 2) is also named as CDKN2 and belongs to the protein kinase superfamily, CMGC Ser/Thr protein kinase family, CDC2/CDKX subfamily. It is involved in the control of the cell cycle; essential for meiosis, but dispensable for mitosis. It has 2 isoforms produced by alternative splicing.

## 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.

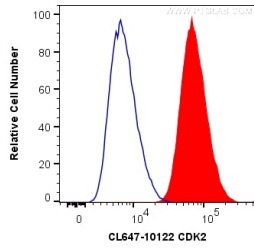
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% 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 W: ptglab.com

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> MCF-7 cells were intracellularly stained with 0.2 ug CoraLite® Plus 647 Anti-Human CDK2 (CL647-10122) (red), or 0.2 ug isotype control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).