

For Research Use Only

# CoraLite® Plus 488-conjugated CDK2 Polyclonal antibody

Catalog Number: CL488-10122

Featured Product



## Basic Information

Catalog Number:

CL488-10122

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0166

GenBank Accession Number:

BC003065

GeneID (NCBI):

1017

UNIPROT ID:

P24941

Full Name:

cyclin-dependent kinase 2

Calculated MW:

33 kDa

Observed MW:

33 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

FC (Intra): 0.40 µg per 10<sup>6</sup> cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

FC (Intra)

Species Specificity:

human, mouse, rat

Positive Controls:

FC (Intra) : MCF-7 cells,

## 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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

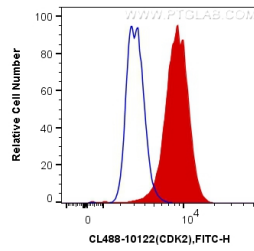
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.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 0.4  $\mu$ g CoraLite® Plus 488 Anti-Human CDK2 (CL488-10122) (red), or 0.4  $\mu$ g x. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).