

For Research Use Only

CoraLite® Plus 555-conjugated CDK2 Polyclonal antibody

Catalog Number: CL555-10122

Featured Product



Basic Information

Catalog Number:

CL555-10122

Concentration:

1 mg/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): 0.50 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

554 nm / 570 nm

Applications

Tested Applications:

FC (Intra)

Species Specificity:

human, mouse, rat

Positive Controls:

FC (Intra) : A431 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:

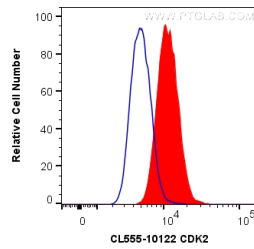
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ A431 cells were intracellularly stained with 0.5 ug CoraLite® Plus 555 Anti-Human CDK2 (CL555-10122) (red), or 0.5 ug CL555 Rabbit Isotype Control (CL555-30000) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).