

For Research Use Only

CoraLite® Plus 647-conjugated CDK6 Polyclonal antibody

Catalog Number: CL647-19117

Featured Product



Basic Information

Catalog Number:

CL647-19117

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5600

GenBank Accession Number:

BC027989

GeneID (NCBI):

1021

UNIPROT ID:

Q00534

Full Name:

cyclin-dependent kinase 6

Calculated MW:

326 aa, 36 kDa

Observed MW:

36-40 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF/ICC: 1:50-1:500

FC (Intra): 0.20 µg per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

654 nm / 674 nm

Applications

Tested Applications:

IF/ICC, FC (Intra)

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : HeLa cells,

FC (Intra) : HeLa cells,

Background Information

CDK6(Cyclin-dependent kinase 6) is involved in initiation and maintenance of cell cycle exit during cell differentiation and it prevents cell proliferation and regulates negatively cell differentiation, but is required for the proliferation of specific cell types. The molecular weight of CDK6 is 36-40 KDa (PMID: 23563707, 8114739).

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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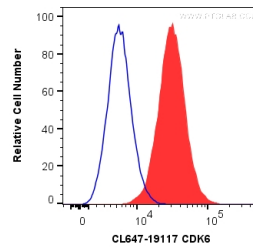
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 647 CDK6 antibody (CL647-19117) at dilution of 1:200.



1X10⁶ HeLa cells were intracellularly stained with 0.2 ug CoraLite® Plus 647 Anti-Human CDK6 (CL647-19117) (red), or 0.2 ug isotype control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).