

For Research Use Only

CoraLite®555-conjugated CDK4 Polyclonal antibody



Catalog Number: CL555-11026

Featured Product

Basic Information

Catalog Number: CL555-11026	GenBank Accession Number: BC010153	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 1019	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	Full Name: cyclin-dependent kinase 4	Excitation/Emission maxima wavelengths: 555 nm / 570 nm
Isotype: IgG	Calculated MW: 34 kDa	
Immunogen Catalog Number: AG1505	Observed MW: 34 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : MCF-7 cells,
Species Specificity: human, mouse, rat	

Background Information

Cyclin-dependent kinase-4 (CDK4) is a protein-serine kinase involved in the cell cycle. It is essential for the G1- to S-phase transition during the cell cycle and its expression is primarily controlled at the transcriptional level (PMID:17253961). CCND1-CDK4 axis is not only critical in glial tumor cells but also in stromal-derived cells in the surrounding tumor microenvironment that are vital to sustain tumor outgrowth (PMID:21844184).

Storage

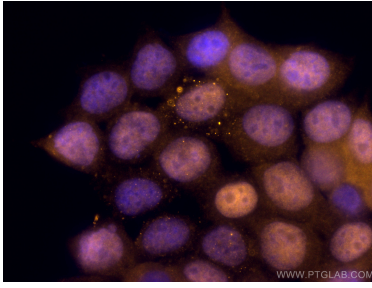
Storage:
Store at -20°C. Avoid exposure to light.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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)
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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



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using CoraLite®555 CDK4 antibody (CL555-11026) at dilution of 1:100.