

For Research Use Only

CoraLite®555-conjugated CDK6 Monoclonal antibody



Catalog Number: CL555-66278

Featured Product

Basic Information

| | | |
|---|--|---|
| Catalog Number: CL555-66278 | GenBank Accession Number: BC027989 | Purification Method: Protein A purification |
| Size: 100ul , Concentration: 1000 µg/ml by Nanodrop; | GeneID (NCBI): 1021 | CloneNo.: 4B9C11 |
| Source: Mouse | Full Name: cyclin-dependent kinase 6 | Recommended Dilutions: IF 1:50-1:500 |
| Isotype: IgG1 | Calculated MW: 326 aa, 36 kDa | Excitation/Emission maxima wavelengths: 555 nm / 570 nm |
| Immunogen Catalog Number: AG5600 | Observed MW: 36-40 kDa | |

Applications

| | |
|--|---|
| Tested Applications: FC (Intra), IF | Positive Controls: IF : HeLa cells, |
| Species Specificity: human, mouse, rat | |

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

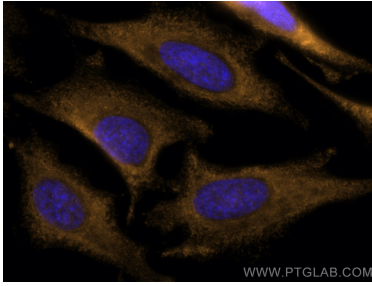
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

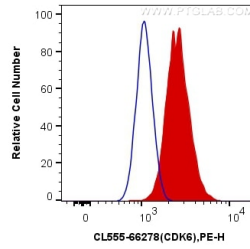
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using CoraLite®555 CDK6 antibody (CL555-66278, Clone: 4B9C.11) at dilution of 1:200.



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite®555 Anti-Human CDK6 (CL555-66278, Clone:4B9C.11) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).