

For Research Use Only

CoraLite®555-conjugated Cyclin E2 Polyclonal antibody



Catalog Number:CL555-11935

Basic Information

Catalog Number: CL555-11935	GenBank Accession Number: BC020729	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 9134	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	Full Name: cyclin E2	Excitation/Emission maxima wavelengths: 555 nm / 570 nm
Isotype: IgG	Calculated MW: 374 aa, 44 kDa	
Immunogen Catalog Number: AG2532	Observed MW: 44 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : HeLa cells,
Species Specificity: human	

Background Information

Cyclin E2 (CCNE2) belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance throughout the cell cycle. Cyclins function as regulators of cyclin-dependent kinases (CDKs). Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of cell cycle events. CCNE2 forms a complex with and functions as a regulatory subunit of CDK2 and has been shown to specifically interact with CIP/KIP family of CDK inhibitors. CCNE2 plays a role in cell cycle G1/S transition and its expression peaks at the G1-S phase. Whereas cyclin E1 is expressed in most proliferating normal and tumor cells, cyclin E2 levels are low or undetectable in nontransformed cells, and are elevated in tumor-derived cells.

Storage

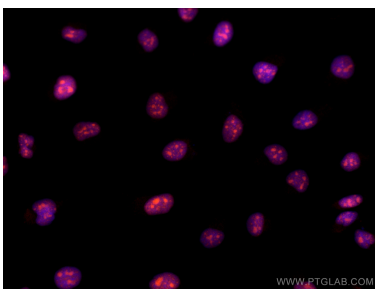
Storage:
Store at -20°C. Avoid exposure to light.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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 HeLa cells using CoraLite®555 Cyclin E2 antibody (CL555-11935) at dilution of 1:100.