

For Research Use Only

CoraLite®555-conjugated KI67 Polyclonal antibody



Catalog Number: CL555-27309

Featured Product

Basic Information

Catalog Number: CL555-27309	GenBank Accession Number: NM_002417	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 4288	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	Full Name: antigen identified by monoclonal antibody Ki-67	Excitation/Emission maxima wavelengths: 555 nm / 570 nm
Isotype: IgG	Calculated MW: 359 kDa	
Immunogen Catalog Number: AG26266		

Applications

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

Background Information

The Ki-67 protein (also known as MKI67) is a cellular marker for proliferation. Ki67 is present during all active phases of the cell cycle (G1, S, G2 and M), but is absent in resting cells (G0). Cellular content of Ki-67 protein markedly increases during cell progression through S phase of the cell cycle. Therefore, the nuclear expression of Ki67 can be evaluated to assess tumor proliferation by immunohistochemistry. It has been demonstrated to be of prognostic value in breast cancer. In head and neck cancer, several studies have reported an association between high proliferative activity and poorer prognosis.

Storage

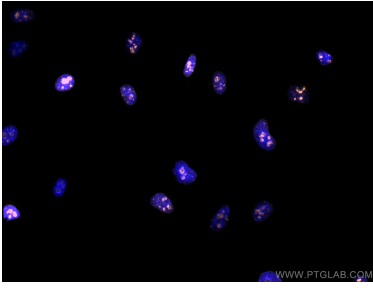
Storage:
Store at -20°C. Avoid exposure to light.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

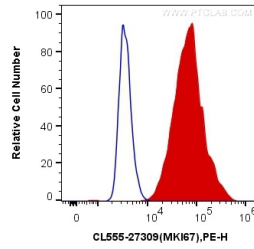
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

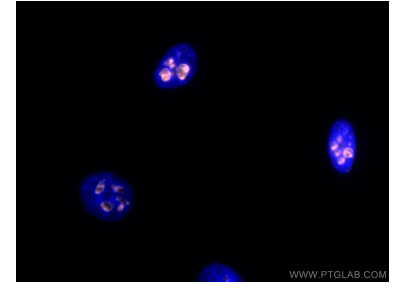
Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite@555 KI67 antibody (CL555-27309) at dilution of 1:200.



1×10^6 Jurkat cells were intracellularly stained with 0.4 μ g CoraLite@555 Anti-Human KI67 (CL555-27309) (red), or 0.4 μ g Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



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