

For Research Use Only

CoraLite® Plus 488-conjugated CDC27; APC3 Monoclonal antibody

Catalog Number: CL488-67239



Basic Information

Catalog Number: CL488-67239	GenBank Accession Number: BC011656	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 996	CloneNo.: 2F10G2
Source: Mouse	UNIPROT ID: P30260	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG2b	Full Name: cell division cycle 27 homolog (S. cerevisiae)	
Immunogen Catalog Number: AG25588	Calculated MW: 92 kDa	
	Observed MW: 90-100 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human, mouse, rat

Background Information

CDC27/APC3 is a component of the anaphase-promoting complex (APC/cyclosome), which is composed of eight subunits and highly conserved in eukaryotic cells. The APC/cyclosome complex acts as a cell cycle-regulated E3 ubiquitin ligase which mediates ubiquitination and subsequent degradation of target proteins, and lead to the progression control through mitosis and the G1 phase of the cell cycle.

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

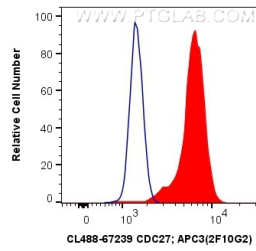
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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
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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



1X10⁶ K-562 cells were intracellularly stained with 0.4 μ g CoraLite® Plus 488 Anti-Human CDC27; APC3 (CL488-67239, Clone:2F10G2) (red), or 0.4 μ g Mouse IgG2b Isotype Control (CL488-66360-3, Clone: K11B8C4B5) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).