

For Research Use Only

# CoraLite® Plus 647-conjugated CDC27; APC3 Monoclonal antibody



Catalog Number: **CL647-67239**

## Basic Information

Catalog Number:

CL647-67239

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG25588

GenBank Accession Number:

BC011656

GeneID (NCBI):

996

UNIPROT ID:

P30260

Full Name:

cell division cycle 27 homolog (S. cerevisiae)

Calculated MW:

92 kDa

Observed MW:

90-100 kDa

Purification Method:

Protein A purification

CloneNo.:

2F10G2

Excitation/Emission maxima wavelengths:

654 nm / 674 nm

## 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:

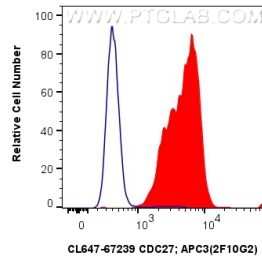
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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

## Selected Validation Data



1X10<sup>6</sup> K-562 cells were intracellularly stained with 0.4 µg CoraLite® Plus 647 Anti-Human CDC27; APC3 (CL647-67239, Clone:2F10G2) (red), or 0.4 µg CoraLite® Plus 647 Mouse IgG2b Isotype Control (MPC-11) (CL647-65128, Clone: MPC-11) (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set.