

CoraLite® Plus 488-conjugated CDC27; APC3 Monoclonal antibody

Catalog Number: **CL488-67239**

Basic Information

Catalog Number:

CL488-67239

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:

493 nm / 522 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:

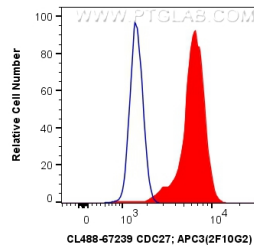
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

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

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



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