

For Research Use Only

# FcZero-rAb™ APC Anti-Mouse Ki-67 Rabbit Recombinant Antibody

Catalog Number: APC-FcA98224



## Basic Information

Catalog Number:

APC-FcA98224

Size:

100ug , 200 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1548

GenBank Accession Number:

NM\_001081117.2

GeneID (NCBI):

17345

Full Name:

antigen identified by monoclonal  
antibody Ki 67

Calculated MW:

351kDa

Purification Method:

Protein A purification

CloneNo.:

241768E2

Recommended Dilutions:

FC (Intra): 0.1 ug per 10<sup>6</sup> cells in a  
100 µl suspension

Excitation/Emission maxima  
wavelengths:

650 nm / 660 nm

## Applications

Tested Applications:

FC (Intra)

Species Specificity:

mouse

Positive Controls:

FC (Intra) : Con A treated mouse splenocytes,

## 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 Ki-67 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 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

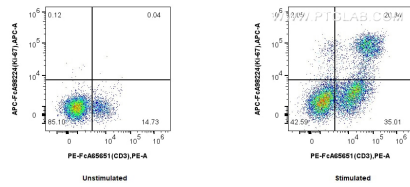
For technical support and original validation data for this product please contact:

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## Selected Validation Data



1x10<sup>6</sup> untreated or Con A-treated or mouse splenocytes were intracellularly stained with FcZero-rAb™ PE Anti-Mouse CD3 $\epsilon$  and 0.1  $\mu$ g APC Anti-Mouse Ki-67 Rabbit RecAb (APC-FcA98224, Clone: 241768E2). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set.