For Research Use Only

FcZero-rAb™ PE Anti-Human Ki-67 Rabbit Recombinant Antibody

Catalog Number:PE-FcA98143-2

proteintech®
Antibodies | ELISA kits | Proteins
FcZero-rAb
www.ptglab.com

Basic Information

Catalog Number:
PE-FcA98143-2

Size:
100tests , 5 ul/test

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
NM_002417

GeneID (NCBI):
4288

UNIPROT ID:
P46013

Full Name:
antigen identified by monoclonal antibody Ki-67

Calculated MW:
359 kDa

Purification Method:
Protein A purification

CloneNo.:
241499B1

Recommended Dilutions:
FC (Intra): 5 ul per 10^6 cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:
496 nm, 565 nm / 578 nm

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human

Positive Controls:

FC (Intra) : PHA treated human PBMCs,

Background Information

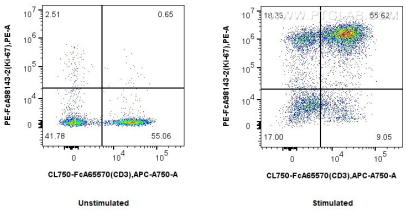
The Ki-67 protein (also known as MKI67) is a cellular marker for proliferation. Ki67 is present during all active phases of the cell cycle (G1, S, G2 and M), but is absent in resting cells (G0). Cellular content of Ki-67 protein markedly increases during cell progression through S phase of the cell cycle. 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 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:
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

Selected Validation Data



1x10^6 untreated or PHA-treated human PBMCs were intracellularly stained with 5 ul PE Anti-Human Ki-67 Rabbit RecAb (PE-FcA98143-2, Clone: 241499B1) and FcZero-rAb™ CoraLite® Plus 750 Anti-Human CD3 (UCHT1) Rabbit IgG Recombinant Antibody (CL750-FcA65570, Clone: UCHT1). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).