

For Research Use Only

Anti-Human Ki-67 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98143-2-PBS



Basic Information

Catalog Number:

98143-2-PBS

Concentration:

1mg, 2 mg/ml

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

Applications

Tested Applications:

FC (Intra)

Species Specificity:

human

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

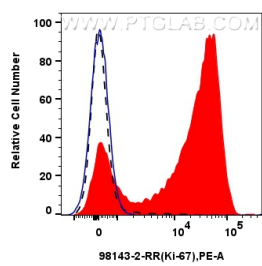
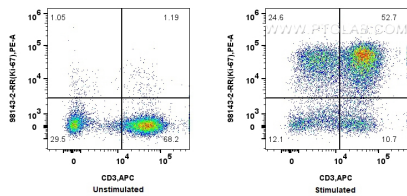
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ untreated or PHA-treated human PBMCs were intracellularly stained with 0.25 ug Anti-Human Ki-67 Rabbit Recombinant Antibody (98143-2-RR, Clone: 241499B1) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were co-stained with APC Anti-Human CD3. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 98143-2-PBS in a different storage buffer formulation.

1x10⁶ PHA-treated human PBMCs were intracellularly stained with 0.25 ug Anti-Human Ki-67 Rabbit Recombinant Antibody (98143-2-RR, Clone:241499B1) (red) or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). 1x10⁶ untreated human PBMCs were intracellularly stained with 0.25 ug Anti-Human Ki-67 Rabbit Recombinant Antibody (98143-2-RR, Clone: 241499B1) (black,