

For Research Use Only

Anti-Mouse Ki-67 Rabbit Recombinant Antibody

Catalog Number: 98224-1-RR



Basic Information

| | | |
|--------------------------------------|--|---|
| Catalog Number: 98224-1-RR | GenBank Accession Number: NM_001081117.2 | Purification Method: Protein A purification |
| Size: 100ug, 1000 µg/ml | GeneID (NCBI): 17345 | CloneNo.: 241768E2 |
| Source: Rabbit | UNIPROT ID: E9PVX6-1 | |
| Isotype: IgG | Full Name: antigen identified by monoclonal antibody Ki 67 | |
| | Calculated MW: 351kDa | |

Applications

Tested Applications:
FC (Intra)

Species Specificity:
mouse

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. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide, pH 7.3.

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

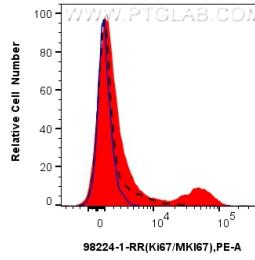
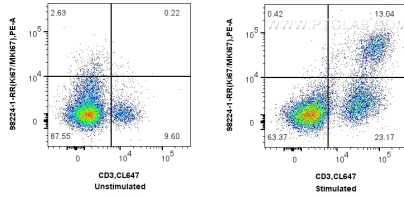
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ untreated or Con A treated C57BL/6 mouse splenocytes were intracellularly stained with 0.25 ug Anti-Mouse Ki-67 Rabbit Recombinant Antibody (98224-1-RR, Clone: 241768E2) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were co-stained with CoraLite® Plus 647 Anti-Mouse CD3. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).

1x10⁶ Con A treated C57BL/6 mouse splenocytes were intracellularly stained with 0.25 ug Anti-Mouse Ki-67 Rabbit Recombinant Antibody (98224-1-RR, Clone: 241768E2) (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 C57BL/6 mouse splenocytes were intracellularly stained with 0.25 ug Anti-Mouse Ki-67 Rabbit Recombinant Antibody

