

ABflo® 488 Rabbit anti-Mouse Ki67 mAb

Catalog No.: A28899

Basic Information

Observed MW

Calculated MW

Category

Primary antibody

Applications

FC (intra)

Cross-Reactivity

Mouse

CloneNo number

ARC69121

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

Background

The nuclear protein Ki-67 was initially identified by the monoclonal antibody Ki-67, which was generated through immunization of mice with nuclei from the L428 Hodgkin's lymphoma cell line. The Ki-67 protein plays a crucial role in ribosomal RNA transcription and cell proliferation. Its expression is detected during the G1, S, G2, and M phases of the cell cycle, while it is absent in the G0 phase. Ki-67 is strongly expressed in proliferating cells and has been reported as a prognostic marker for various types of tumors.

Recommended Dilutions

FC (intra) ≤0.25 µg per million cells in
100 µl volume

Immunogen Information

Gene ID

17345

Swiss Prot

E9PVX6

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

D630048A14Rik; Ki-67; Ki67

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

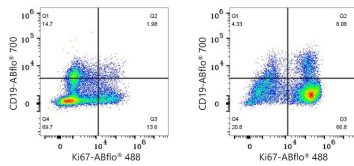
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

Validation Data



Flow cytometry: 1×10^6 C57BL/6 mouse splenocytes (untreated, left) and C57BL/6 mouse splenocytes (treated with 2.5 µg/mL Con A for 3 days, right) were surface-stained with ABflo® 700 Rabbit anti-Mouse CD19 mAb (A26193, 5 µl/Test) and then intracellularly-stained with ABflo® 488 Rabbit anti-Mouse Ki67 mAb (A28899, 0.25 µg).