

ABflo® 488 Rabbit anti-Human CD337/NKp30 mAb

Catalog No.: A23735

Basic Information

Observed MW

Calculated MW

16kDa/17kDa/18kDa/19kDa/20kDa/21kDa

Category

Primary antibody

Applications

IF/ICC,FC (intra)

Cross-Reactivity

Human

CloneNo number

ARC60018-ABf488

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

Recommended Dilutions

IF/ICC 1:50 - 1:200

FC (intra) 5 µl per 10⁶ cells in 100 µl volume

Background

The protein encoded by this gene is a natural cytotoxicity receptor (NCR) that may aid NK cells in the lysis of tumor cells. The encoded protein interacts with CD3-zeta (CD247), a T-cell receptor. A single nucleotide polymorphism in the 5' untranslated region of this gene has been associated with mild malaria susceptibility. Three transcript variants encoding different isoforms have been found for this gene.

Immunogen Information

Gene ID

259197

Swiss Prot

O14931

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 19-135 of human CD337/NKp30 (NP_667341.1).

Synonyms

NCR3; 1C7; CD337; LY117; MALS; NKp30; natural cytotoxicity triggering receptor 3

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

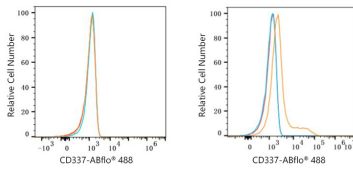
Affinity purification

Storage

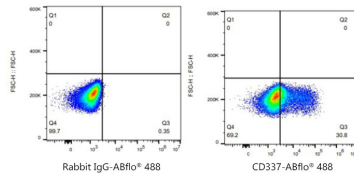
Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

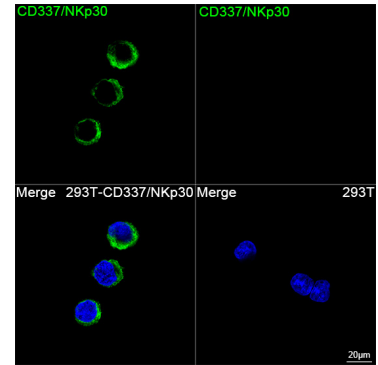
Validation Data



Flow cytometry: 1×10^6 293T cells (Low Expression, left) and 293T (Transfection, right) cells were intracellularly-stained with ABflo® 488 Rabbit anti-Human CD337/NKp30 mAb (A23735, 5 μ l/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1×10^6 293T (Transfection) cells were intracellularly-stained with ABflo® 488 Rabbit IgG isotype control (A22069, 5 μ l/Test, left) or ABflo® 488 Rabbit anti-Human CD337/NKp30 mAb (A23735, 5 μ l/Test, right).



Confocal imaging of 293T cells transfected with CD337/NKp30 using ABflo® 488 Rabbit anti-Human CD337/NKp30 mAb (A23735, dilution 1:200). DAPI was used for nuclear staining (Blue). Objective: 100x.