Leader in Biomolecular Solutions for Life Science

![ABclonal logo]

ABflo® 594 Rabbit anti-Human CD337/NKp30 mAb

www.abclonal.com

Catalog No.: A23737

Basic Information

Observed MW

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

Category
SMab Recombinant Monoclonal Antibody

Applications
IF/ICC,FC (intra)

Cross-Reactivity
Human

CloneNo number
ARC60018-ABf594

Conjugate
ABflo® 594. Ex:588nm. Em:604nm.

Recommended Dilutions

IF/ICC	1:50 - 1:200
FC (intra)	5 μl per 10^6 cells in 100 μl volume

Contact

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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 suceptibility. Three transcript variants encoding different isoforms have been found for this gene.

Immunogen Information

Gene ID
259197

Swiss Prot
O14931

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

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

Product Information

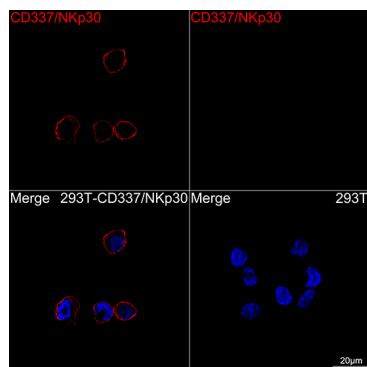| **Source**	**Isotype**	**Purification**
Rabbit	IgG	Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data

Confocal imaging of 293T cells transfected with CD337/NKp30 using ABflo® 594 Rabbit anti-Human CD337/NKp30 mAb (A23737, dilution 1:100) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.
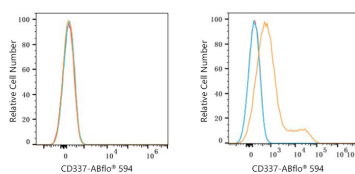
Flow cytometry: 1X10^6 293T cells(Low Expression,left) and 293T(Transfection,right) cells were intracellularly-stained with ABflo® 594 Rabbit anti-Human CD337/NKp30 mAb(A23737,5 µl/Test,orange line) or ABflo® 594 Rabbit IgG isotype control (5 µl/Test,blue line).Non-fluorescently stained cells were used as blank control (red line).
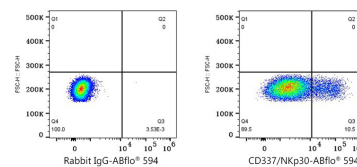
Flow cytometry:1X10^6 293T(Transfection) cells were intracellularly-stained with ABflo® 594 Rabbit IgG isotype control (5 µl/Test,left) or ABflo® 594 Rabbit anti-Human CD337/NKp30 mAb(A23737,5 µl/Test,right).