

For Research Use Only

FITC Plus Anti-Human NKp46/NCR1 Rabbit Recombinant Antibody

Catalog Number: FITC-98340



Basic Information

Catalog Number:

FITC-98340

Concentration:

100 tests, 5 µl/test

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1364

GenBank Accession Number:

GeneID (NCBI):

9437

UNIPROT ID:

O76036-1

Full Name:

natural cytotoxicity triggering receptor 1

Calculated MW:

34kDa

Purification Method:

Protein A purification

CloneNo.:

242549D12

Recommended Dilutions:

FC: 5 µl per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

495 nm / 524 nm

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : human PBMCs,

Background Information

NKp46, also known as NCR1 or CD335, is an Ig-like superfamily cell surface receptor that is highly conserved in mammals (PMID: 22021440). NKp46 is a type I transmembrane glycoprotein consisting of two extracellular Ig-like domains, a transmembrane domain, and an intracellular tail (PMID: 9730896). It is expressed on NK cells, rare T-cell subsets and a mucosal population of NKp46+ innate lymphoid cells (PMID: 9730896; 22021440). NKp46 is the major triggering receptor involved in the natural cytotoxicity (PMID: 10359120; 10092106; 15356098).

Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

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

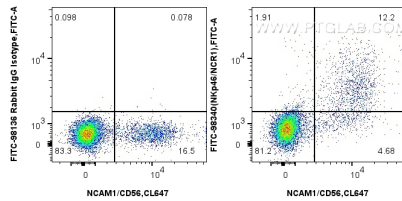
T: 4006900926

E: Proteintech-CN@ptglab.com

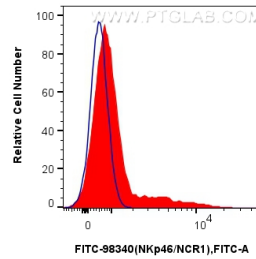
W: ptgcn.com

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Selected Validation Data



1x10⁶ FC receptor blocked human PBMCs were surface stained with Coralite® Plus 647 Anti-Human NCAM1/CD56, and 5 ul FITC Plus Anti-Human NKp46/NCR1 Rabbit RecAb (FITC-98340, Clone: 242549D12) or FITC Plus Rabbit IgG Isotype Control RecAb (FITC-98136, Clone: 240953C9). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.



1x10⁶ FC receptor blocked human PBMCs were surface stained with 5 ul FITC Plus Anti-Human NKp46/NCR1 Rabbit RecAb (FITC-98340, Clone: 242549D12) (red) or FITC Plus Rabbit IgG Isotype Control RecAb (FITC-98136, Clone: 240953C9) (blue). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.