

For Research Use Only

FcZero-rAb® Biotin Anti-Human NKp46/NCR1 Rabbit Recombinant Antibody

Catalog Number: Biotin-FcA98340



Basic Information

Catalog Number: Biotin-FcA98340	GenBank Accession Number: /	Purification Method: Protein A purification
Concentration: 100ug, 500 ug/ml	GeneID (NCBI): 9437	CloneNo.: 242549D12
Source: Rabbit	UNIPROT ID: O76036-1	Recommended Dilutions: FC: 0.25 ug per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Full Name: natural cytotoxicity triggering receptor 1	Excitation/Emission maxima wavelengths: -
Immunogen Catalog Number: EG1364	Calculated MW: 34kDa	

Applications

Tested Applications: FC, ELISA	Positive Controls: FC : human PBMCs,
Species Specificity: human	

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, pH7.3

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

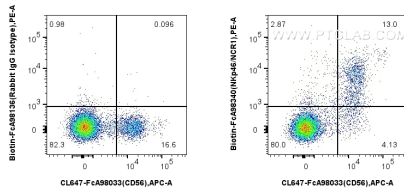
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Selected Validation Data



1x10⁶ human PBMCs were surface stained with 0.25 ug Biotin Anti-Human Nkp46/NCR1 Rabbit RecAb (Biotin-FcA98340, Clone: 242549D12) or FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9), and Streptavidin-PE Conjugate (PE-PF00030). Cells were co-stained with FcZero-rAb™ CoraLite®647 Anti-Human NCAM1/CD56 Rabbit Recombinant Antibody (CL647-FcA98033, Clone: 240078A7). Cells were not fixed.