

For Research Use Only

CoraLite® Plus 647 Anti-Mouse NKp46/NCR1 Rabbit Recombinant Antibody

Catalog Number: CL647-98198



Basic Information

Catalog Number:

CL647-98198

Concentration:

100ug, 500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1825

GenBank Accession Number:

NM_010746.3

GeneID (NCBI):

17086

UNIPROT ID:

Q8C567

Full Name:

natural cytotoxicity triggering
receptor 1

Calculated MW:

37kDa

Purification Method:

Protein A purification

CloneNo.:

241804A12

Excitation/Emission maxima
wavelengths:

654 nm / 674 nm

Applications

Tested Applications:

FC

Species Specificity:

mouse

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:

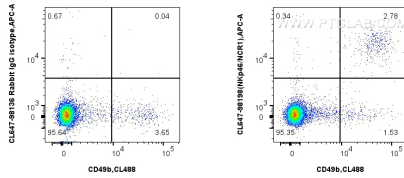
T: 4006900926

E: Proteintech-CN@ptglab.com

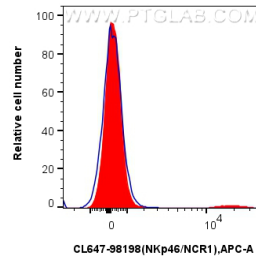
W: ptgcn.com

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Selected Validation Data



1x10⁶ mouse splenocytes were surface stained with CoraLite® Plus 488 Anti-Mouse CD49b (DX5) (CL488-65065, Clone: DX5), and 0.25 ug CoraLite® Plus 647 Anti-Mouse NKp46/NCR1 Rabbit RecAb (CL647-98198, Clone:241804A12) or CoraLite® Plus 647 Rabbit IgG Isotype Control RecAb (CL647-98136, Clone: 240953C9). Cells were not fixed.



1x10⁶ mouse splenocytes were surface stained with 0.25 ug CoraLite® Plus 647 Anti-Mouse NKp46/NCR1 Rabbit RecAb (CL647-98198, Clone: 241804A12) (red) or CoraLite® Plus 647 Rabbit IgG Isotype Control RecAb (CL647-98136, Clone: 240953C9) (blue). Cells were not fixed.