

For Research Use Only

NKp46/NCR1 Polyclonal antibody

Catalog Number: 31984-1-AP



Basic Information

Catalog Number:

31984-1-AP

Concentration:

450 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_010746.3

GeneID (NCBI):

17086

UNIPROT ID:

Q8C567

Full Name:

natural cytotoxicity triggering
receptor 1

Calculated MW:

37kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

IHC 1:200-1:800

Applications

Tested Applications:

IHC, ELISA

Species Specificity:

mouse

Positive Controls:

IHC : mouse spleen tissue,

**Note-IHC: suggested antigen retrieval with
TE buffer pH 9.0; (*) Alternatively, antigen
retrieval may be performed with citrate
buffer pH 6.0**

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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

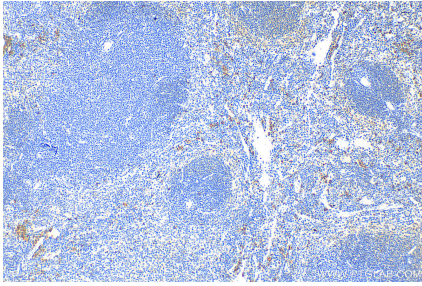
T: 4006900926

E: Proteintech-CN@ptglab.com

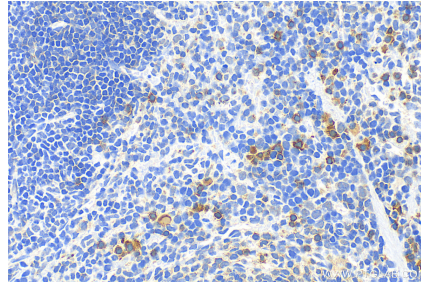
W: ptgcn.com

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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 31984-1-AP (Nkp46/NCR1 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 31984-1-AP (Nkp46/NCR1 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).