

For Research Use Only

NKp46/NCR1 Polyclonal antibody

Catalog Number: 31984-1-AP



Basic Information

Catalog Number: 31984-1-AP	GenBank Accession Number: NML_010746.3	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 450 ug/ml by Nanodrop;	GeneID (NCBI): 17086	Recommended Dilutions: IHC 1:200-1:800
Source: Rabbit	UNIPROT ID: Q8C567	
Isotype: IgG	Full Name: natural cytotoxicity triggering receptor 1	
	Calculated MW: 37kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : mouse spleen tissue,
Species Specificity: mouse	
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

*** 20ul sizes contain 0.1% BSA

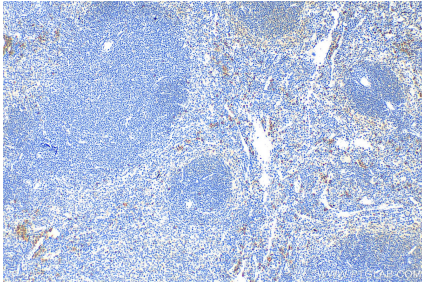
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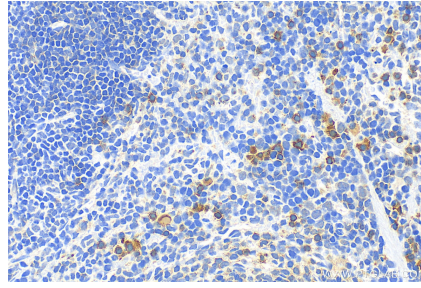
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Selected Validation Data



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).