

For Research Use Only

CoraLite®594-conjugated NKp46/NCR1 Recombinant monoclonal antibody

Catalog Number: CL594-84416-5



Basic Information

Catalog Number: CL594-84416-5	GenBank Accession Number: NM_057199.1	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 117547	CloneNo.: 241811H7
Source: Rabbit	UNIPROT ID: Q9Z0H5	Recommended Dilutions: IF-P: 1:50-1:500
Isotype: IgG	Full Name: natural cytotoxicity triggering receptor 1	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: EG1469	Calculated MW: 37kDa	
	Observed MW: 50-60 kDa	

Applications

Tested Applications: IF-P	Positive Controls: IF-P : rat spleen tissue,
Species Specificity: mouse, rat	

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. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded rat spleen tissue using CoraLite®594 NKp46/NCR1 antibody (CL594-84416-5, Clone: 241811H7) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).