

For Research Use Only

CoraLite® Plus 488-conjugated NKp46/NCR1 Recombinant monoclonal antibody

Catalog Number: **CL488-84416-5**



Basic Information

Catalog Number: CL488-84416-5	GenBank Accession Number: NM_057199.1	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 117547	CloneNo.: 241811H7
Isotype: IgG	UNIPROT ID: Q9Z0H5	Recommended Dilutions: IF-P: 1:50-1:500
Immunogen Catalog Number: EG1469	Full Name: natural cytotoxicity triggering receptor 1	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
	Calculated MW: 37kDa	
	Observed MW: 50-60 kDa	

Applications

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

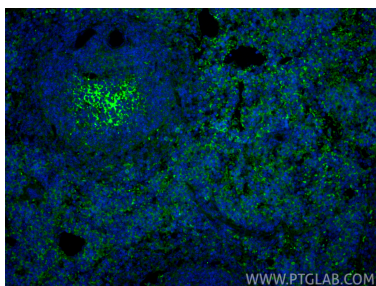
T: 4006900926

E: Proteintech-CN@ptglab.com

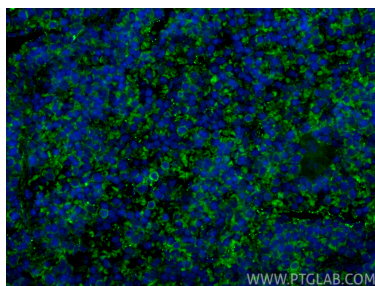
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

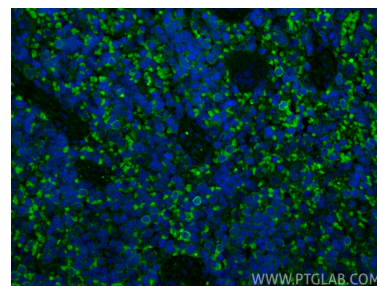
Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse spleen tissue using CoraLite® Plus 488 Nkp46/NCR1 antibody (CL488-84416-5, Clone: 241811H7) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse spleen tissue using CoraLite® Plus 488 Nkp46/NCR1 antibody (CL488-84416-5, Clone: 241811H7) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded rat spleen tissue using CoraLite® Plus 488 Nkp46/NCR1 antibody (CL488-84416-5, Clone: 241811H7) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).