

For Research Use Only

CoraLite®594-conjugated NKp46/NCR1 Recombinant monoclonal antibody

Catalog Number:CL594-84416-5



Basic Information

Catalog Number:

CL594-84416-5

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1469

GenBank Accession Number:

NM_057199.1

GeneID (NCBI):

117547

UNIPROT ID:

Q9Z0H5

Full Name:

natural cytotoxicity triggering
receptor 1

Calculated MW:

37kDa

Observed MW:

50-60 kDa

Purification Method:

Protein A purification

CloneNo.:

241811H7

Recommended Dilutions:

IF-P: 1:50-1:500

Excitation/Emission maxima
wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

IF-P

Species Specificity:

mouse, rat

Positive Controls:

IF-P: rat spleen tissue,

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 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).