

For Research Use Only

CoraLite®594-conjugated NINJ2 Monoclonal antibody

Catalog Number: CL594-66202



Basic Information

Catalog Number:

CL594-66202

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG5343

GenBank Accession Number:

BC057766

GeneID (NCBI):

4815

UNIPROT ID:

Q9NZG7

Full Name:

ninjurin 2

Calculated MW:

142 aa, 16 kDa

Purification Method:

Protein A purification

CloneNo.:

5C5B2

Excitation/Emission maxima
wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

FC (Intra)

Species Specificity:

human

Background Information

NINJ2 (Ninjurin2) is a member of the ninjurin family of adhesion molecules which mediate cell-to-cell and cell-to-extracellular matrix interactions during development, differentiation, and regeneration of the peripheral nervous system. The gene encodes NINJ2 is located on chromosome 12p13. NINJ2 mRNA is widely expressed in adult human tissues, with highest level in bone marrow, followed by peripheral leukocytes, lung, and lymph nodes. In the peripheral nervous system, NINJ2 is expressed constitutively in mature sensory and enteric neurons. The expression of NINJ2 is upregulated after nerve injury in Schwann cells, suggesting that it may promote nerve regeneration. It may also play an important role in the pathogenesis of inflammatory disorder. (PMID: 10627596)

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, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

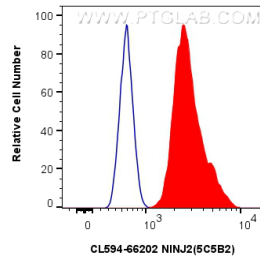
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

Selected Validation Data



1×10^6 U2OS cells were intracellularly stained with 0.4 μ g Coralite®594 Ninj2 Monoclonal Antibody (CL594-66202, Clone: 5C5B2)(red), or 0.4 μ g Coralite®594 Mouse IgG2b isotype control (11B8C4) (CL594-66360-3, Clone: 11B8C4) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).