

For Research Use Only

Mouse TNC/Tenascin-C Recombinant antibody, PBS Only

Catalog Number: 85821-1-PBS



Basic Information

Catalog Number:

85821-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2849

GenBank Accession Number:

N/A

GeneID (NCBI):

21923

UNIPROT ID:

Q80YX1-1

Full Name:

tenascin C

Calculated MW:

232 kDa

Observed MW:

210-230 kDa

Purification Method:

Protein A purification

CloneNo.:

242866C6

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

mouse

Background Information

Tenascin-C (TNC) is a large hexameric extracellular matrix glycoprotein of the tenascin family (PMID: 21818551). It is a multimodular protein containing multiple epidermal growth factor (EGF)-like repeats and fibronectin type III (FN III) domains (PMID: 1719530). Tenascin-C is highly expressed during embryonic development, particularly in the developing central nervous system, around motile cells and at epithelial-mesenchymal interaction sites (PMID: 25738825). In adult tissues, the expression and the distribution of TNC are typically limited under normal physiological conditions. It is upregulated during injury, inflammation, regeneration, and cancer (PMID: 7694605; 25120494). Tenascin-C is a diverse protein that can produce different functions including regulating cell adhesion, migration and proliferation.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

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

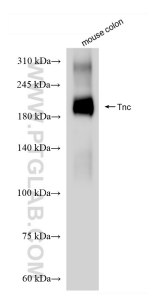
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E: proteintech@ptglab.com

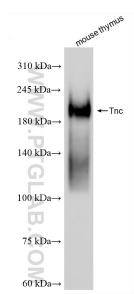
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Selected Validation Data



mouse colon tissue were subjected to SDS PAGE followed by western blot with 85821-1-RR (Tnc antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85821-1-PBS in a different storage buffer formulation.



mouse thymus tissue were subjected to SDS PAGE followed by western blot with 85821-1-RR (Tnc antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85821-1-PBS in a different storage buffer formulation.