antibodies -online.com









Overview

Quantity:	100 μL
Target:	TNC
Binding Specificity:	AA 49-181
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TNC antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Tenascin C (TNC)
Immunogen:	Recombinant Tenascin C (TNC) corresdonding to Val49~Lys181 with N-terminal His Tag
Clone:	C4
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against TNC. It has been selected for its ability to recognize TNC in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig, Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

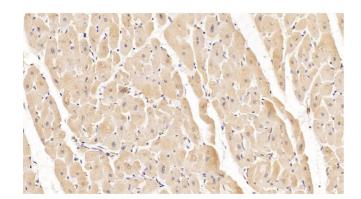
Target:	TNC
Alternative Name:	Tenascin C (TNC Products)
Background:	TN-C, HXB, TN, GMEM, JI, Myotendinous antigen, Neuronectin, GP 150-225, Cytotactin, Hexabrachion, Glioma-associated-extracellular matrix antigen
Pathways:	Regulation of Muscle Cell Differentiation, Regulation of Cell Size, Skeletal Muscle Fiber Development

Application Details

Application Notes:	Western blotting: 0.5-2 μg/mL
	Immunohistochemistry: 5-20 μg/mL
	Immunocytochemistry: 5-20 μg/mL
	Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.
Restrictions:	For Research Use only

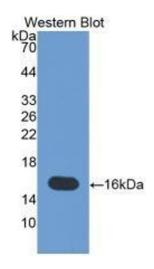
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



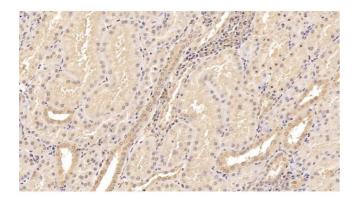
Immunohistochemistry

Image 1. Detection of TNC in Human Heart Tissue using Monoclonal Antibody to Tenascin C (TNC)



Western Blotting

Image 2. Detection of Recombinant TNC, Human using Monoclonal Antibody to Tenascin C (TNC)



Immunohistochemistry

Image 3. Detection of TNC in Human Kidney Tissue using Monoclonal Antibody to Tenascin C (TNC)

Please check the product details page for more images. Overall 5 images are available for ABIN7426415.