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## **Recombinant anti-TNC antibody**

2 Images



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## Overview

Quantity:	100 μg
Target:	TNC
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This TNC antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Staining Methods (StM)

Product Details	
Immunogen:	Recombinant human full-length TNC protein
Clone:	TNC-2981R
Isotype:	IgG
Specificity:	In Western blotting, it reacts with two bands of ~MW of 210 kDa and 300 kDa, identified as two isoforms of Tenascin C. Specificity of this MAb is validated by sequential immunoprecipitation with a PAb against Tenascin C. Tenascin C is a multifunctional, disulfide-linkedhexameric extracellular matrix glycoprotein expressed in association with mesenchymal epithelial interactions during development and in the neo-vasculature and stroma of undifferentiated tumors. In adults, it is restricted to certain epithelial-stromal interfaces and increases markedly in hyper-proliferative diseases and in stroma of many neoplasms, including gliomas, breast, squamous and lung carcinomas.

## **Product Details** No Cross-Reactivity: Rat (Rattus) Purification: Purified by Protein A/G **Target Details** TNC Target: Alternative Name: TNC (TNC Products) Molecular Weight: 210kDa and 300kDa 3371 Gene ID: UniProt: P24821 Regulation of Muscle Cell Differentiation, Regulation of Cell Size, Skeletal Muscle Fiber Pathways: Development **Application Details** Application Notes: Positive Control: Extracellular matrix in tonsil and blood vessels. Stroma of many tumors such as breast, squamous cell and lung carcinomas. Staining of normal fibroblasts serves as internal positive control. Known Application: Immunohistochemistry (Formalin-fixed) (2-4 µg/mL for 30 minutes at RT),(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 10-20 min followed by cooling at RT for 20 minutes), Optimal dilution for a specific application should be determined. For Research Use only Restrictions: Handling Concentration: 200 μg/mL 10 mM PBS with 0.05 % BSA & 0.05 % azide. Buffer: Preservative: Sodium azide This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which Precaution of Use: should be handled by trained staff only.

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody

4 °C,-80 °C

Storage:

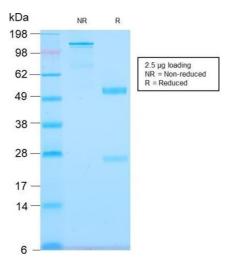
Storage Comment:

is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date:

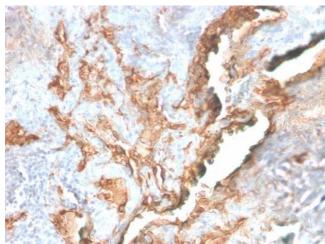
24 months

## **Images**



### **SDS-PAGE**

**Image 1.** SDS-PAGE Analysis Purified Tenascin C Rabbit Recombinant Monoclonal Antibody (TNC/2981R). Confirmation of Purity and Integrity of Antibody.



### **Immunohistochemistry**

**Image 2.** Formalin-fixed, paraffin-embedded human Lung Carcinoma stained with Tenascin C Rabbit Recombinant Monoclonal Antibody (TNC/2981R).