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Recombinant anti-TNC antibody

2 Images



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Overview

Quantity:	100 μg
Target:	TNC
Reactivity:	Human
Host:	Mouse
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Application:	Immunohistochemistry (IHC), Staining Methods (StM)

Product Details

Immunogen:	Recombinant human full-length TNC protein
Clone:	TNC-3635
Isotype:	IgG1 kappa
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.
No Cross-Reactivity:	Rat (Rattus)

Product Details Purification: Purified by Protein A/G **Target Details** Target: **TNC** TNC (TNC Products) Alternative Name: 210kDa and 300kDa Molecular Weight: Gene ID: 3371 UniProt: P24821 Pathways: Regulation of Muscle Cell Differentiation, Regulation of Cell Size, Skeletal Muscle Fiber 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 (IHC). 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. Restrictions: For Research Use only Handling 200 μg/mL Concentration: Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide. 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,-80 °C

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

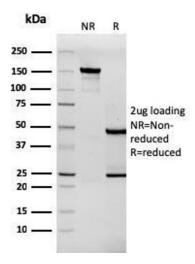
Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody

Storage Comment:

Expiry Date:

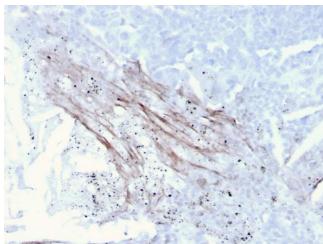
24 months

Images



SDS-PAGE

Image 1. SDS-PAGE Analysis Purified Tenascin C MouseRecombinant Monoclonal Antibody (TNC/3635).Confirmation of Purity and Integrity of Antibody.



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded human Lung Carcinoma stained with Tenascin C Mouse Recombinant Monoclonal Antibody (TNC/3635).