

# IHC*easy* TNC/Tenascin-C Ready-To-Use IHC Kit

Catalog Number: **KHC0113**

## General Information

**Sample type:**  
FFPE tissue

**Cited sample type:**

**Reactivity:**  
Human, Mouse, Rat

**Cited Reactivity:**

**Assay type:**  
Immunohistochemistry

**Primary antibody type:**  
Mouse Monoclonal

**Secondary antibody type:**  
Polymer-HRP-Goat anti-Mouse

## Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL ×2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

## Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

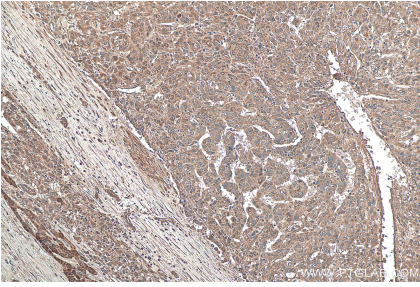
## Background

Tenascin-C (TNC) is a large hexameric extracellular matrix glycoprotein of the tenascin family. It is a multimodular protein containing multiple epidermal growth factor (EGF)-like repeats and fibronectin type III (FN III) domains. Tenascin-C is highly expressed during embryonic development, particularly in the developing central nervous system, around motile cells and at epithelial-mesenchymal interaction sites. 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. Tenascin-C is a diverse protein that can produce different functions including regulating cell adhesion, migration and proliferation.

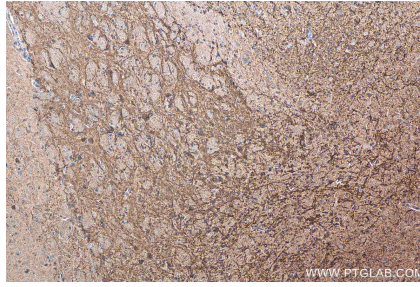
## Synonyms

Cytotactin, GMEM, GP 150 225, Hexabrachion, HXB, JI, Myotendinous antigen, Neuronectin, Tenascin, tenascin C, TN, TN C, TNC

## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using KHC0113 (TNC/Tenascin-C IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using KHC0113 (TNC/Tenascin-C IHC Kit).