

## 36-2513: Anti-Tenascin C (Stromal Marker for Epithelial Malignancy) Monoclonal Antibody(Clone: TNC/2981R)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	TNC/2981R
<b>Application :</b>	IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	TNC
<b>Gene ID :</b>	3371
<b>Uniprot ID :</b>	P24821
<b>Alternative Name :</b>	Cytotactin; Glioma-associated-extracellular matrix antigen; GMEM; GP 150-225; Hexabrachion (HXB); JI; Myotendinous antigen; Neuronectin; TNC
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Recombinant human full-length TNC protein

### Description

In Western blotting, it reacts with two bands of ~MW of 210kDa and 300kDa, 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-linked hexameric 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 Info

<b>Amount :</b>	20 µg / 100 µg
<b>Content :</b>	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
<b>Storage condition :</b>	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

### Application Note

Immunohistochemistry (Formalin-fixed) (2-4ug/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes) ,

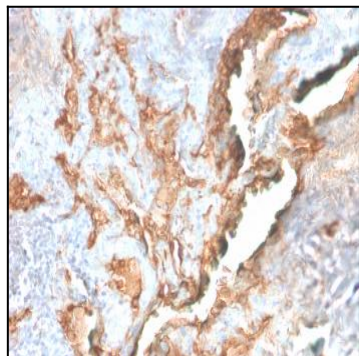


Fig. 1: Formalin-fixed, paraffin-embedded human Lung Carcinoma stained with Tenascin C Rabbit Recombinant Monoclonal Antibody (TNC/2981R).

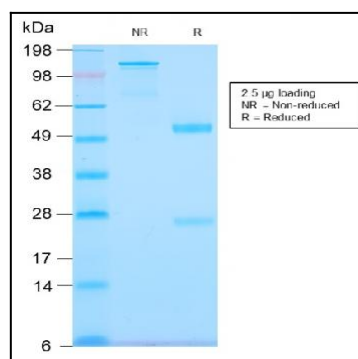


Fig. 2: SDS-PAGE Analysis Purified Tenascin C Rabbit Recombinant Monoclonal Antibody (TNC/2981R). Confirmation of Purity and Integrity of Antibody.