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

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

Amount :	20 µg / 100 µg
Content :	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.
Storage condition :	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&degC followed by cooling at RT for 20 minutes) ,

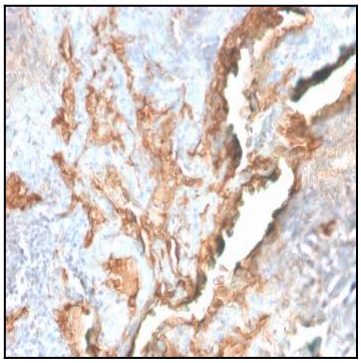


Fig. 1: Formalin-fixed, paraffin-embedded human Lung Carcinoma stained with Tenascin C Rabbit Recombinant Monoclonal Antibody (TNC/2981R).

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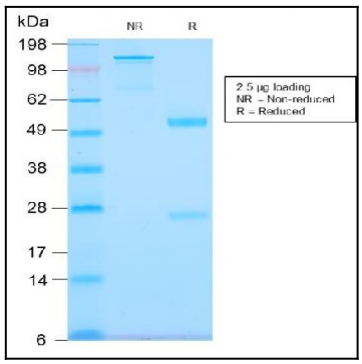


Fig. 2: SDS-PAGE Analysis Purified Tenascin C Rabbit Recombinant Monoclonal Antibody (TNC/2981R). Confirmation of Purity and Integrity of Antibody.

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