

Mouse Tenascin C Antibody | anti-TNC antibody

Tenascin C (Stromal Marker for Epithelial Malignancy)

CATALOG # AAA215017	HOST Mouse	REACTIVITY HumanDoes not react with Rat.	APPLICATIONS Immunohistochemistry
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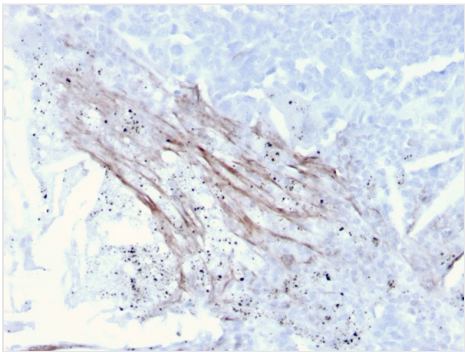
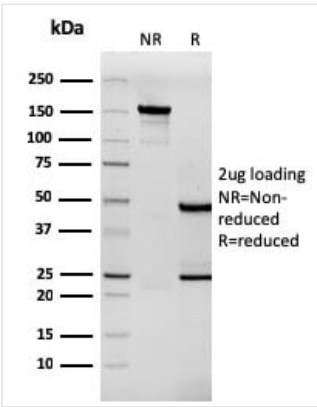
PRODUCT SYNONYMS

Tenascin C; Tenascin C (Stromal Marker for Epithelial Malignancy); Cytotactin; Glioma-associated-extracellular matrix antigen; GMEM; GP 150-225; Hexabrachion (HXB); JI; Myotendinous antigen; Neuronectin; TNC; anti-TNC antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human Does not react with Rat.
Isotype	IgG1, kappa
Clone Number	TNC/3635
Specificity	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.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
Form/Format	200ug/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.
Sequence Length	2201
Applicable Applications for anti-TNC antibody	IHC (Immunohistochemistry)
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).
Immunogen	Recombinant human full-length TNC protein
Cellular Localization	Connective tissue matrix
Hu-chromosome Location	9q33
Antibody Type	Recombinant Mouse Monoclonal Antibody
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C. Antibody without azide: store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



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

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

ADDITIONAL INFORMATION

References	Verstraeten AA, et. al. British Journal of Dermatology, 1992, 127(6):571-4.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	153946395
NCBI GeneID	3371
NCBI Accession #	NP_002151.2
NCBI GenBank Nucleotide #	NP_002151.2
UniProt Accession #	P24821
Molecular Weight	210kDa and 300kDa
NCBI Official Full Name	tenascin
NCBI Official Synonym Full Names	tenascin C
NCBI Official Symbol	TNC
NCBI Official Synonym Symbols	GP; JI; TN; HXB; GMEM; TN-C; DFNA56; 150-225
NCBI Protein Information	tenascin
UniProt Protein Name	Tenascin
UniProt Gene Name	TNC
UniProt Synonym Gene Names	HXB; TN; TN-C
UniProt Entry Name	TENA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.