



# Tenascin-C Monoclonal Antibody

<b>Catalog No</b>	BYmab-17094
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	TNC
<b>Protein Name</b>	Tenascin
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the C-terminal region of human TNC. AA range:2151-2200
<b>Specificity</b>	Tenascin-C Monoclonal Antibody detects endogenous levels of Tenascin-C protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	TNC; HXB; Tenascin; TN; Cytotactin; GMEM; GP 150-225; Glioma-associated-extracellular matrix antigen; Hexabrachion; JI; Myotendinous antigen; Neuronectin; Tenascin-C; TN-C
<b>Observed Band</b>	240kD
<b>Cell Pathway</b>	Secreted, extracellular space, extracellular matrix.
<b>Tissue Specificity</b>	Brain,Fetal brain,Fetal cartilage,Glioblastoma,Human fetal kidney,Liver,Melanoma,Milk,Plasma,
<b>Function</b>	alternative products:Isoforms are produced in a tissue- and time-specific manner during development,function:Extracellular matrix protein implicated in guidance of migrating neurons as well as axons during development, synaptic plasticity as well as neuronal regeneration. Promotes neurite outgrowth from cortical neurons grown on a monolayer of astrocytes. Ligand for integrins alpha-8/beta-1, alpha-9/beta-1, alpha-V/beta-3 and alpha-V/beta-6.,induction:By TGF-beta.,PTM:N-glycosylated.,similarity:Belongs to the tenascin family.,similarity:Contains 1 fibrinogen C-terminal domain.,similarity:Contains 15

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EGF-like domains.,similarity:Contains 15 fibronectin type-III domains.,subunit:Homohexamer; disulfide-linked. A homotrimer may be formed in the triple coiled-coil region and may be stabilized by disulfide rings at both ends. Two of such half-hexabrachions may be disulfide linked within the ce

## Background

tenascin C(TNC) Homo sapiens This gene encodes an extracellular matrix protein with a spatially and temporally restricted tissue distribution. This protein is homohexameric with disulfide-linked subunits, and contains multiple EGF-like and fibronectin type-III domains. It is implicated in guidance of migrating neurons as well as axons during development, synaptic plasticity, and neuronal regeneration. [provided by RefSeq, Jul 2011],

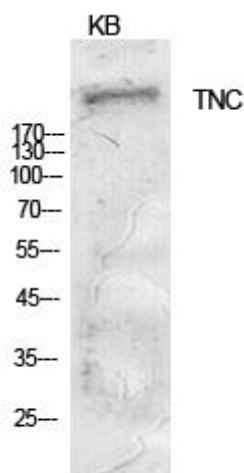
## matters needing attention

Avoid repeated freezing and thawing!

## Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using Tenascin-C Monoclonal Antibody