

## ARG63110 anti-Tenascin C antibody [T2H5]

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [T2H5] recognizes Tenascin C
Tested Reactivity	Hu
Tested Application	ICC/IF, IHC-Fr, IHC-P, IP, WB
Specificity	The clone T2H5 recognizes Tenascin C, a large hexameric extracellular matrix glycoprotein.
Host	Mouse
Clonality	Monoclonal
Clone	T2H5
Isotype	IgG1
Target Name	Tenascin C
Species	Human
Immunogen	Protein preparation from a homogenate of a human mammary tumour specimen.
Conjugation	Un-conjugated
Alternate Names	Cytotactin; HXB; DFNA56; Myotendinous antigen; Hexabrachion; GP; Tenascin-C; Neuronectin; GMEM; TN; 150-225; JI; TN-C; GP 150-225; Glioma-associated-extracellular matrix antigen; Tenascin

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1 - 10 µg/ml
	IHC-Fr	Assay-dependent
	IHC-P	2 - 10 µg/ml
	IP	Assay-dependent
	WB	1 - 2 µg/ml

**Application Note**

IHC-P: Perform heat mediated antigen retrieval before IHC-P staining step.  
\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Purified from hybridoma culture supernatant by protein-A affinity chromatography.
Purity	> 95% (by SDS-PAGE)
Buffer	TBS (pH 8.0) and 15 mM Sodium azide

Preservative	15 mM Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

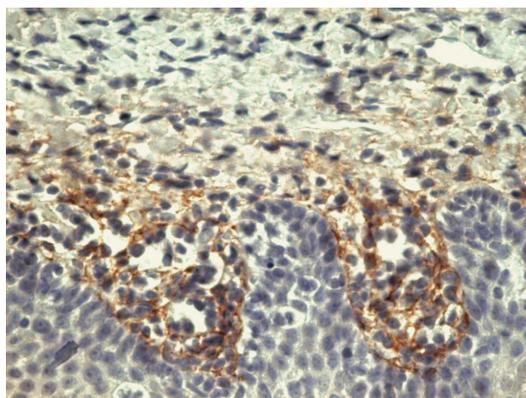
## Bioinformation

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Database links	<a href="#">GeneID: 3371 Human</a> <a href="#">Swiss-port # P24821 Human</a>
Gene Symbol	TNC
Gene Full Name	tenascin C
Background	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]
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. [UniProt]
Research Area	Signaling Transduction antibody
Calculated Mw	241 kDa

## Images

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ARG63110 anti-Tenascin C antibody [T2H5] IHC-P image

Immunohistochemistry: Paraffin-embedded Human tonsil tissue stained with ARG63110 anti-Tenascin C antibody [T2H5].