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Product datasheet for BM722S

Tenascin C (TNC) Mouse Monoclonal Antibody [Clone ID: T2H5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	T2H5
Applications:	IHC, IP, WB
Recommended Dilution:	**Immunohistochemistry (paraffin sections)**: Immunohistochemical detection of tenascin is valuable for studies of tissue differentiation and tumour growth. The antibody T2H5 is excellent for staining of paraffin-embedded tissue sections. Heat-mediated antigen retrieval in citrate buffer. **Western blotting**: Recommended dilution: 1-2 µg/ml.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Protein preparation from a homogenate of a Human mammary tumour specimen.
Specificity:	The antibody recognizes Tenascin, a large hexameric extracellular matrix glycoprotein.
Formulation:	Phosphate buffered saline (PBS), pH~7.4 State: Purified State: Liquid purified Ig fraction from Hybridoma Culture Supernatant (> 95% pure by SDS-PAGE) Preservative: 15 mM Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C. **DO NOT FREEZE!**
Stability:	Shelf life: one year from despatch.
Gene Name:	tenascin C
Database Link:	Entrez Gene 3371 Human P24821

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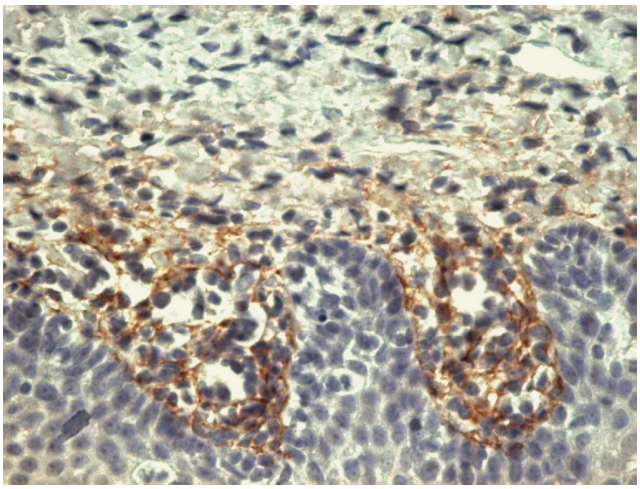
Background: Tenascin is a high molecular ECM glycoprotein (MW app. 210-300 kDa), which contains hexamere repeat-rich single chains. It contains EGF-, Fibronectin III- and Fibronectin-similar structures. During organogenesis it is exprimed temporarily by many organs. During adulthood it reappears only in regeneration, wound healing and in stroma of various tumours. It probably has an anti-adhesive function, which plays a role during tumour speading. Tenascin is found in the central and peripheral nerve system, in smooth muscle, tendon and hyper-proliferative skin.

Synonyms: Tenascin-C, TN-C, Hexabrachion, Cytotactin, Neuronectin, GMEM

Product images:



Immunohistochemistry staining of tonsil (paraffin-embedded sections) with anti-human Tenascin (T2H5).

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