

Datasheet for 200-301-P48**Tenascin Antibody****Overview**

Description:	Anti-Tenascin (MOUSE) Antibody - 200-301-P48
Item No.:	200-301-P48
Size:	100 µg
Applications:	IHC, WB
Reactivity:	Human
Host Species:	Mouse

Product Details

Background:	The tenascins are a family of extracellular matrix proteins (ECMs). Tenascin is an extracellular matrix protein. It expressed in an unusually restricted pattern during embryogenesis and has been implicated in a variety of morphogenetic phenomena. Human hexabrachion gene (tenascin) is mapped to chromosome 9, bands q32-q34. The coding region of the hexabrachion gene spans approximately 80 kilobases of DNA and consists of 27 exons separated by 26 introns. This antibody is suitable for researchers interested in extracellular matrix antibodies.
Synonyms:	Tenascin, TN, Cytotactin, GMEM, GP 150-225, Glioma-associated-extracellular matrix antigen, Hexabrachion, Myotendinous antigen, Neuronectin, Tenascin-C, TNC, HXB
Host Species:	Mouse
Clonality:	Monoclonal
Clone ID:	BC-24
Format:	IgG1

Target Details

Gene Name:	TNN
Reactivity:	Human
Immunogen Type:	Other
Immunogen:	Tenascin antibody was produced in mice by repeated immunizations with human tenascin.

Purity/Specificity: Anti-Tenascin antibody was purified from mouse ascites by protein A chromatography. This product reacts with human. Cross reactivity with Tenascin from other sources has not been determined.

Relevant Links:

- [UniProtKB - Q9UQP3](#)
- [GeneID - 63923](#)
- [NCBI - NP_071376.1](#)

Application Details

Tested Applications: IHC, WB

Application Note: Anti-Tenascin is tested for Immunohistochemistry-P, Immunohistochemistry-F, Immunocytochemistry, and Western Blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately ~144 kDa corresponding to the appropriate cell lysate or extract.

Assay Dilutions: All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

ELISA: 1:20,000

IHC: 1:100-1:500

WB: 1-2ug/ml

Formulation

Physical State: Lyophilized

Concentration: 1.0 mg/mL by UV absorbance at 280 nm

Buffer: 1.2% sodium acetate

Preservative: 0.01% (w/v) Sodium Azide

Stabilizer: 2mg BSA

Reconstitution Volume: 1.0 mL

Reconstitution Buffer: Neutral PBS

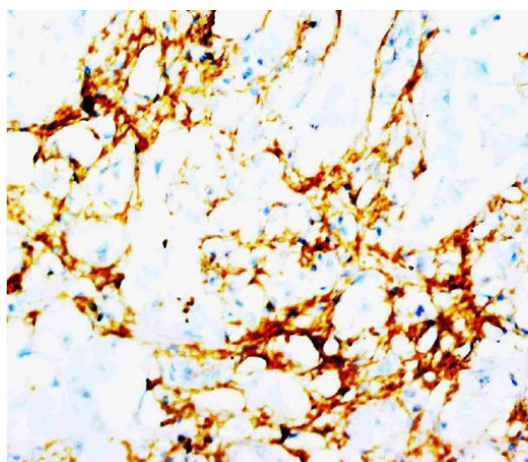
Shipping & Handling

Shipping Condition: Ambient

Storage Condition: Store vial at 4° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiration: Expiration date is one (1) year from date of receipt.

Images



Immunohistochemistry

Immunohistochemistry of Anti-Tenascin antibody.
Tissue: Human Mammary Cancer Tissue. IHC(P).

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.