

Datasheet: 8640-0208

Description:	MOUSE ANTI HUMAN TENASCIN
Specificity:	TENASCIN
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	T2H5
Isotype:	IgG1
Quantity:	0.2 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen	▪			
Immunohistology - Paraffin (1)	▪			
ELISA	▪			1/1000 - 1/2000
Immunoprecipitation	▪			
Western Blotting	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

(1) Staining may be enhanced using trypsin digestion or heat mediated antigen retrieval using sodium citrate buffer pH 6.0.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant.
Buffer Solution	TRIS buffered saline
Preservative Stabilisers	<0.1% Sodium Azide (NaN ₃)

Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Purified protein from human mammary tumour.
External Database Links	<p>UniProt: P24821 Related reagents</p> <p>Entrez Gene: 3371 TNC Related reagents</p>
Synonyms	HXB
RRID	AB_2287393
Fusion Partners	Spleen cells from immunized Balb/c mice were fused with cells of the Sp2/0-Ag14 mouse myeloma cell line.
Specificity	<p>Mouse anti Human Tenascin antibody, clone T2H5 recognizes tenascin in both normal and hyperproliferative (also neoplastic) tissues.</p> <p>Tenascin has been implicated in the guidance of migrating neurons and axons during development and neuronal regeneration. It promotes cortical neuron outgrowths and is an important component of the wound matrix and scar formation.</p>
ELISA	This product is suitable for use in direct ELISA applications, 8640-0502 may be used as a standard.
Histology Positive Control Tissue	Human tonsil.
References	<ol style="list-style-type: none"> 1. Verstraeten, A.A. <i>et al.</i> (1992) Tenascin expression in basal cell carcinoma. Br J Dermatol. 127 (6): 571-4. 2. Le Poole, I.C. <i>et al.</i> (1997) Tenascin is overexpressed in vitiligo lesional skin and inhibits melanocyte adhesion. Br J Dermatol. 137 (2): 171-8. 3. Milz, S. <i>et al.</i> (2007) An immunohistochemical study of the triangular fibrocartilage complex of the wrist: regional variations in cartilage phenotype. J Anat. 211: 1-7. 4. Pääväniemi, O, <i>et al.</i> (2006) Tenascin is expressed in post-transplant obliterative bronchiolitis. Transplant Proc. 38: 2694-6. 5. Nakamura, Y. <i>et al.</i> (2004) Ets-1 regulates TNF-alpha-induced matrix metalloproteinase-9 and tenascin expression in primary bronchial fibroblasts. J Immunol. 172: 1945-52. 6. Milz, S. <i>et al.</i> (2002) Expression of a wide range of extracellular matrix molecules in the tendon and trochlea of the human superior oblique muscle. Invest Ophthalmol Vis Sci. 43: 1330-4.
Storage	This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for

short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

Guarantee	12 months from date of despatch
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Health And Safety Information	Material Safety Datasheet documentation #10057 available at: 10057: https://www.bio-rad-antibodies.com/uploads/MSDS/10057.pdf
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Regulatory	For research purposes only
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Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Rabbit Anti Mouse IgG (STAR8...)	DyLight@800
Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (STAR70...)	FITC
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight@488 , DyLight@550 , DyLight@650 , DyLight@680 , DyLight@800 , FITC , HRP

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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