



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti-Human Tenascin With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-02399

Target Species
Human

Isotype
IgG1

Preparation

Synonyms: HXB

Purification: Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant.

Immunogen: Purified protein from human mammary tumour.

Specificity

DS-MB-02399 recognizes Tenascin in both normal and hyperproliferative (also neoplastic) tissues. 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.

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified IgG - liquid

Buffer Solution: Phosphate buffered saline pH7.2

Preservative Stabilizers: 0.09% Sodium Azide (NaN_3)

Approx. Protein Concentrations: IgG concentration 1.0 mg/ml

Storage

Store at +4°C or at -20°C if preferred.

Storage in frost-free freezers is not recommended.

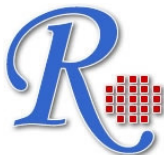
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life: 18 months from date of dispatch.

References

1. Verstraeten, A. A. *et al.* (1992) Tenascin expression in basal cell carcinoma. *Br. J. Derm.* 127: 571-574.
2. Le Poole, I. C. *et al.* (1997) Tenascin is overexpressed in vitiligo lesional skin and inhibits melanocyte adhesion. *Br. J. Dermatol.* 137: 171-178.
3. Milz, S. *et al.* (2007) An immunohistochemical study of the triangular fibrocartilage complex of the wrist: regional variations in cartilage phenotype. *J Anat.* 211: 1-7.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**



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Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunohistology - Frozen	•			
Immunohistology – Paraffin(1)	•			
Immunohistology - Resin			•	
Immunoprecipitation	•			
ELISA	•			1/1000 - 1/2000
Western Blotting	•			

Note: Other applications are not tested yet. Optimal dilutions should be determined.

(1) Histology Positive Control Tissue: Human tonsil. Staining may be enhanced using trypsin digestion or heat mediated antigen retrieval using sodium citrate buffer pH 6.0.

Secondary Antibody Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	•			1:5,000-1:10,000

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