



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti-Human Fibronectin (Matrix)

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-01321

Target Species
Human

Isotype
IgG1

Preparation

Purification: Purified IgG prepared by affinity chromatography on Protein A

Immunogen: Native human fibronectin (matrix)

Specificity

Recognizes fibronectin in human and mouse tissues, specifically connective tissues and vessels. No reactivity with the soluble dimeric form of fibronectin (plasma fibronectin), but highly reactive with matrix fibronectin.

Species Cross Reactivity: Does not react with Mouse

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified IgG - liquid

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: 0.09% Sodium Azide (NaN_3)

Approx. Protein Concentrations: IgG concentration 1.0 mg/ml

Applications

| Options Functions | YES | NO | Not determined | Recommended Work dilution or concentration |
|----------------------------------|-----|----|----------------|--|
| Immunohistology - Frozen | | | . | |
| Immunohistology - Paraffin(1) | . | | | 1/25 - 1/100 |
| Immunohistology - Resin | | | . | |
| Western Blotting | | | . | |

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

(1) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.

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



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Secondary Antibody Applications

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

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.

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