



Polyclonal Antibody to **FIBRONECTIN**

Technical Data Sheet

Reagent Category

Polyclonal primary antibody to Fibronectin

PRODUCT# IMI23261E (Ready-To-Use)

PRODUCT# IMI23252E (Concentrate)

Specific Reagents Supplied

7 ml of anti Fibronectin, Ready-To-Use

0.2 ml of anti Fibronectin, Concentrate

SOURCE: Rabbit

IMMUNOGEN: purified human plasma fibronectin

REACTIVITY

This antibody is reactive with fibronectin, an extracellular matrix protein composed of two nearly identical disulfide bound polypeptides with molecular weights of 220-280kD. This antibody localizes plasma and cellular fibronectins both in native and denatured-reduced forms. This antibody is suitable for use on routinely fixed paraffin embedded and frozen sections and cytospin preparations.

POSITIVE CONTROL TISSUE: Intestine, Kidney

STAINING PATTERN: Cytoplasmic staining

PRODUCT FORMATS, DILUTION and INCUBATION

This **affinity purified** polyclonal anti fibronectin antibody is provided in phosphate buffered saline pH 7.2 with bovine serum albumin and 0.05% sodium azide. This antibody is available in:

7 ml pre-titered, Ready- to- Use, Incubate for 30 minutes. This antibody requires retrieval when staining formalin fixed paraffin sections.

For Background-Free retrieval, Innovex Uni-Trieve (60°C -70°C) universal retrieval solution is highly recommended. To retrieve with Uni-Trieve: Warm up a water bath or an oven to 60°C -70°C and fill a slide-holding container with Uni-Trieve solution. Place slides in a slide rack or in a coplin jar, fill the container with Uni-Trieve solution, bring the Uni-Trieve solution containing the slides to 60°C - 70°C and hold slides in warm Uni-Trieve solution for 30 minutes. Rinse slides with 2 quick changes of water. No cooling period is required. Proceed with immunostaining

0.2 ml Concentrate; Dilute 1:30 for paraffin sections and incubate for 30 minutes. The dilution factor for frozen section staining and other applications are higher and must be determined by the end user for the application and the secondary staining reagents employed. **This antibody requires retrieval when staining formalin fixed paraffin sections.**

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The above dilutions and incubation times were derived by the use of Innovex STAT-Q and HISTO-STAT detection systems. For less sensitive staining system systems the above dilution factors may vary and they should be determined by the end user for specific staining system employed.

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APPLICATIONS

This antibody is intended for use in immunolocalization of fibronectin antigens in tissues by a variety of immunoassays such as IHC, Immunofluorescence, ELISA, Immunoblotting and dot blotting. In IHC, this antibody can be used in staining routinely fixed paraffin embedded or frozen histological sections for the purpose of qualitative and /or quantitative localization of fibronectin antigens. This antibody can also be used for quantitative flow cytometric assays in the indirect method.

APPROPRIATE NEGATIVE CONTROL SERA for staining negative control slide

Employ purified normal rabbit sera free of immunoglobulin, concentration at 1-5 ug/ ml in place of primary antibody when staining negative control slides for this antibody. Observe the same incubation time for negative control sera and primary antibody.

SPECIES REACTIVITY

This antibody's reactivity with human tissue and cells has been substantiated. Other species reactivity may be determined by the end user.

STORAGE CONDITIONS

Store in refrigerator at 2-8°C through expiration date noted on the vial.

IMPORTANT NOTE:

The interpretation of test results is the sole responsibility of the end user.

FOR IN VITRO RESEARCH USE ONLY