



Polyclonal Antibody to **LAMININ**

Technical Data Sheet

Reagent Category

Polyclonal primary antibody to Laminin

PRODUCT# IMI26161E (Ready-To-Use)

PRODUCT# IMI26152E (Concentrate)

Specific Reagents Supplied

7 ml of anti Laminin, Ready-To-Use

0.2 ml of anti Laminin, Concentrate

SOURCE: Rabbit

IMMUNOGEN: purified Laminin extracted from basement membrane of EHS-mouse sarcoma

REACTIVITY

This antibody is reactive with Laminin, a non-collagenous basement membrane protein with a molecular weight of 900 kD. Laminin binds to type IV collagen that is exclusively found in the basement membrane. Laminin has been shown to play a role in cell adhesion and cell attachment both in vitro and in vivo. This anti Laminin antibody is cross-reactive with most mammals. This antibody is suitable for use on routinely fixed paraffin embedded and frozen sections and cytospin preparations.

POSITIVE CONTROL TISSUE: Pancreas/ skin

STAINING PATTERN: Cytoplasmic staining

PRODUCT FORMATS, DILUTION and INCUBATION

This affinity purified polyclonal anti Laminin 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 Ready- to- Use, Do Not Dilute. Incubate for 30 minutes. If Background is encountered with the employed tissue, Use Innovex Background Buster for 5 minutes for human tissues and 10-20 minutes for animal tissues. This antibody best stains when formalin fixed paraffin embedded sections are retrieved.

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

0.2 ml Concentrate; dilute 1:20-1:40 for 1-hour incubation. For longer incubation time the working titer must be determined by the end user. If Background is encountered with the employed tissue, Use Innovex Background Buster for 5 minutes for human tissues and 10-20 minutes for animal tissues. This antibody best stains when formalin fixed paraffin embedded sections are retrieved.

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APPLICATIONS

This antibody is intended for use in immunolocalization of laminin antigens in tissues by a variety of immunoassays such as Immunochemistry, fluorescent labeling, ELISA, Immunoblotting and dot blotting. In immunohistochemistry, 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 laminin antigens. This antibody can also be used for quantitative flow cytometric assays in the indirect method.

SPECIES REACTIVITY

This antibody is reactive with human tissue and with most mammals' tissues. 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.

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