



Monoclonal Antibody to Factor VIII-Related Antigen (von Willebrand Factor)

Technical Data Sheet

Reagent Category

Monoclonal primary antibody to
Factor VIII

Antibody Formats Supplied

- 7 ml of anti Factor VIII, Ready-To-Use
- 0.2 ml of anti Factor VIII, Concentrate

PRODUCT# IMI22861E (Ready-To-Use)

PRODUCT# IMI22852E (Concentrate)

SOURCE: Mouse

IMMUNOGLOBULIN ISOTYPE: IgG1

Clone: F8/86

POSITIVE CONTROL TISSUE: Kidney

REACTIVITY

This anti factor VIII related antigen reacts with von Willebrand factor in endothelial cells and megakaryocytes. This antibody is compatible with formalin fixative as well as most commonly used histological fixatives (see special usage guidance of this data sheet).

Antibody FORMAT, DILUTIONS and INCUBATIONS

Affinity purified monoclonal anti Factor VIII antibody is provided in phosphate buffered saline pH 7.2 containing bovine serum albumin (BSA) and 0.05% sodium azide.

7 ml of Ready-to-Use, Do not dilute. Incubate for 1 hour. Retrieval is highly recommended. See below:

This antibody best stains when formalin fixed paraffin embedded tissue sections are retrieved, for best results the use of Uni-Trieve, Innovex 60°C retrieval technology is highly recommended. Warm up a water bath or an oven to 60°C and fill a slide holding container with Uni-Trieve solution. Bring the Uni-Trieve solution to 60°C and incubate the slides in 60°C 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 of concentrate; For 1 hour incubation, dilute 1:50-1:100; For longer incubation time the working titer must be determined by the end user. The provided dilution factors and incubation time are mere guidelines, the incubation time and the working titer must be determined by the end user for the tissue and the secondary staining reagents employed.

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The above dilutions and incubation times were derived by the use of Innovex STAT-Q and HISTO-STAT Staining systems and the use of INNOVEX Enhancing Wash Buffer (see special usage guidance below). For less sensitive detection systems dilution factor may vary and they must be determined by the end user for specific detection system and the specimen employed.

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APPLICATIONS

This antibody is intended for use in immunolocalization of Factor VIII by a variety of immunoassays such as Immunochemistry, fluorescent labeling, ELISA, Immunoblotting and dot blotting. In immunochemistry, this antibody can be used in staining routinely fixed paraffin embedded or frozen histological sections of human or animal tissues for the purpose of qualitative or quantitative localization of Factor VIII. This antibody can also be used for quantitative flow cytometric assays in the indirect method.

SPECIES REACTIVITY

This antibody reactivity with human tissues has been substantiated, other species reactivity may be characterized 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