



American MasterTech

scientific laboratory supplies

POST OFFICE BOX 2539 LODI, CALIFORNIA 95241 TELEPHONE: 1 (800) 860 4073 FACSIMILE: 1 (209) 368 4136

Monoclonal Antibody to Anti-Human CD62L (LECAM-1)

Technical Data Sheet

Reagent Category

Monoclonal primary antibody to
CD 62L (LECAM-1)

Antibody Formats Supplied

- 5 ml of anti CD62L, Ready-To-Use
- 0.2 ml of anti CD62L, Concentrate

PRODUCT# IMI16961E (Ready-To-Use)

PRODUCT# IMI16952E (Concentrate)

SOURCE: Purified cultured supernatant

IMMUNOGEN: Purified human L-selectin (LECAM-1)

CLONE: 9H6

IMMUNOGLOBULIN ISOTYPE: IgG2b

REACTIVITY

CD62L (LECAM-1) also known as L-selectin belongs to human intercellular adhesion molecule, which is associated with the immunoglobulin superfamily. LECAM-1 is expressed by monocytes, T and B cell lymphocytes, granulocytes and on some thymocytes. CD62L antigen also acts together with CD62E and CD62P antigens on endothelial cells. This monoclonal anti human CD62L (LECAM-1) recognizes the 150kD glycoprotein human LECAM-1. This antibody can be used for immunohistochemistry, frozen and paraffin sections, for flow cytometry, ELISA, immunoblotting and immunoprecipitation. It is suitable for use on routinely fixed paraffin embedded or frozen cell smears and cytospin preparations.

STAINING PATTERN: Membrane staining

POSITIVE CONTROL TISSUE: Tonsil

Antibody FORMAT, DILUTION and INCUBATION

Monoclonal mouse anti CD62L (LECAM-1) antibody is provided in phosphate buffered saline pH 7.4 containing bovine serum albumin (BSA) and 0% sodium azide. This antibody is available in:

5 ml of pre-titered, Ready-To-Use, Do not dilute. Incubate for 30 minutes to 1- hour for paraffin sections, incubate for 10-20 minutes for frozen sections. The use of INNOVEX STAT staining system and washing with INNOVEX Enhancing Wash Buffer is highly recommended when staining paraffin sections.

0.2 ml of concentrate. The working titer must be determined by the end user for all applications employed. The suggested starting dilution factor for paraffin sections: 1:120-1:40, for 1 hour to over-nite incubation. The dilution factors for frozen sections, ELISA and flow cytometry are much higher and it must be determined by the end user for the secondary staining or labeling reagents and specimen employed.

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

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SPECIAL USAGE GUIDANCE

No pre-treatment is necessary with this antibody, however, the use of INNOVEX Enhancing Wash Buffers Item#: IMI00396E for Immuno-Peroxidase staining and Item#: IMI00596E for Immuno-Alkaline-phosphatase) is highly recommended. The use of INNOVEX Signal-Enhancing Wash Buffers produce great staining even for weak or overfixed tissues in a single try and without repetitive procedures. They also further allow the user to cut primary incubation time and/or increase antibody dilution.

APPLICATIONS

This antibody is intended for use in immunolocalization of CD62L antigen in human tissue by a variety of immunoassays such as Immunochemistry, ELISA, Immunoblotting, dot blotting, flow cytometry and for use in functional assays in adhesion research. In immunochemistry, this antibody can be used in staining routinely fixed paraffin embedded or frozen histological sections for the purpose of qualitative localization of CD62L antigen. This antibody can also be used for quantitative flow cytometric assays in the indirect method.

SPECIES REACTIVITY

This antibody reactivity with human, Rhesus monkey and cynomolgus monkey 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