



Monoclonal Antibody to Macrophage marker (LN5)

Technical Data Sheet

Reagent Category

Monoclonal primary antibody to Macrophage marker

PRODUCT# IMI26461E (Ready-To-Use)

PRODUCT# IMI26452E (Concentrate)

Antibody Formats Supplied

7 ml of Macrophage, Ready-To-Use

0.2 ml of anti Macrophage, Concentrate

SOURCE: Mouse

IMMUNOGLOBULIN ISOTYPE: IgG

CLONE: LN5

REACTIVITY

This antibody reacts with routinely fixed, paraffin embedded and frozen sections. It is also compatible with formalin fixed tissues.

POSITIVE CONTROL TISSUE: tonsil, kidney, and liver

PRODUCT FORMATS, DILUTIONS and INCUBATIONS

Affinity purified Monoclonal Macrophage marker antibody is provided in phosphate buffered saline pH 7.4 containing bovine serum albumin (BSA) and 0.1% sodium azide.

7ml pre-diluted, Ready-to-Use, (do not dilute). Incubate for 10 minutes for frozen sections and 30 minutes for paraffin sections.

0.2 ml Concentrate; For 30 minute incubation, dilute 1: 30; For 1 hour incubation dilute 1: 40-1:50; for longer incubation time the working titer should be determined by the end user.

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.

SPECIAL USAGE GUIDANCE

No pre-treatment is necessary, however, for best staining results, the use of a Innovex signal-Enhancing Wash buffer is highly recommended when staining **fomalin fixed paraffin** embedded sections. The use of **Innovex signal-Enhancing Wash** Buffers (Item#: IMI00396E for Immuno-Peroxidase staining and Item#: IMI00596E for Immuno-Alkaline-phosphatase) in place of PBS or Tris buffer for the rinsing steps in between the incubation steps greatly enhances staining signals for antigenically weak tissues or for overfixed tissues. **Its use further eliminates the need for enzyme Pre- digestion, heat application (retrieval procedure), long incubation of primaries and repetitive procedures.**

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APPLICATIONS

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

SPECIES REACTIVITY

This antibody reactivity with human tissue 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