



Monoclonal Antibody to **L26, CD20 (Human B cell)**

Technical Data Sheet

Reagent Category

Monoclonal primary antibody to CD20 (L26)

PRODUCT# IMI14661E (Ready-To-Use)

PRODUCT# IMI14652E (Concentrate)

Antibody Format Supplied

7 ml of CD20 (L26) antibody, Ready-To-Use

0.2 ml of CD20 (L26) antibody, Concentrate

SOURCE: Mouse ascites fluid

IMMUNOGLOBULIN ISOTYPE: IgG2a

CLONE: L26

POSITIVE CONTROL TISSUE: Tonsil

REACTIVITY

CD20 antigen is the cluster designation assigned to B cell specific antigens of a 23 kD that mainly includes the L26 epitope located on the internal domain of CD20. L26 reacts with B cells of normal and neoplastic origin. L26 antibody is suitable for staining routinely fixed, paraffin embedded and frozen sections. L26 is compatible with formalin and other most commonly used histological fixatives.

PRODUCT FORMATS, DILUTIONS and INCUBATIONS

Affinity purified Anti CD20 monoclonal mouse ascites antibody is provided in phosphate buffered saline pH 7.2 containing bovine serum albumin (BSA) and 0.05% sodium azide.

7 ml Ready-to-Use, Do Not Dilute. Incubate for 30 minutes.

This antibody best stains when formalin fixed paraffin embedded sections are gently retrieved with Uni-Trieve. CD antigens are heat labile and are destroyed by extreme heat . Avoid retrieving CD markers with microwave, steamer and pressure cookers.

For Background-Free and easy 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 Uni-Trieve 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 of concentrate. Dilute 1:50 for 30-minute to 1-hour incubation. For longer incubation time the titer must be determined by the end user.

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APPLICATIONS

This antibody is intended for use in immunolocalization of CD20 antigen 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 or frozen histological sections of human or animal tissues for the purpose of qualitative localization of CD20 antigens. This antibody can also be used for quantitative flow cytometric assays in the indirect method.

SPECIES REACTIVITY

This antibody reactivity with tissues of human 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.

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