



Monoclonal Antibody to Epstein Barr Virus (EBV) envelop protein

Technical Data Sheet

Reagent Category

Monoclonal primary antibodies to
EBV

Antibody Formats Supplied

0.2 ml of anti EBV, Concentrate

PRODUCT# IMI22552E (Concentrate)

SOURCE: Mouse ascites fluid

IMMUNOGLOBULIN ISOTYPE: IgG

POSITIVE CONTROL TISSUE: EBV infected tissues or cell lines

CLONE: CS1 TO CS4 (POOL)

REACTIVITY

This antibody reacts with human EBV-Envelope protein. This antibody is suitable for use on routinely fixed paraffin embedded and frozen sections. It is compatible with formalin fixed tissues and with other commonly used histological fixatives.

Antibody FORMAT, DILUTIONS and INCUBATIONS

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

0.2 ml Concentrate; Incubation for 30 minutes to 1hour dilute 1:50-1:100. the dilution factors are mere guidelines, the working titer must be determined by the end user for the staining reagents and specimen employed. **This antibody best stains when formalin fixed paraffin embedded sections are retrieved.**

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 a 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.

The above dilutions and incubation times were derived by the use of Innovex STAT-Q and HISTO-STAT (2-step) detection systems. 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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APPLICATIONS

This antibody is intended for use in immunolocalization of EBV antigens by a variety of immunoassays such as Immunocytochemistry, ELISA, Immunoblotting and dot blotting. In immunocytochemistry, 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 EBV surface antigens. 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.

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