



Polyclonal Antibody to Herpes Simplex Virus type I & II

Technical Data Sheet

Reagent Category

Polyclonal primary antibody to
Herpes Simplex Virus types I & II

Antibody Formats Supplied

- 7 ml of anti human Herpes simplex virus type I & II, Ready-To-Use
- 0.2 ml of anti human Herpes simplex virus type I & II, Concentrate

PRODUCT# IMI24861E (Ready-To-Use)

PRODUCT# IMI24852E (Concentrate)

SOURCE: Rabbit

IMMUNOGEN: Human strain F

POSITIVE CONTROL TISSUE: infected lungs/ cervix

REACTIVITY

This antibody recognizes human herpes simplex virus type II and I. This antibody is reactive with both ICP's and the late structural antigens of herpes simplex virus type I and type II (virion). This antibody does not cross react with Hep-2 cells. This antibody is suitable for use on routinely fixed paraffin embedded and frozen sections. This antibody is compatible with formalin fixative as well as most commonly used histological fixatives.

POSITIVE CONTROL TISSUE: Infected lung/cervix or cytopspin preparation of infected cell line.

Antibody FORMATS, DILUTIONS and INCUBATIONS

This affinity purified polyclonal anti human Herpes Simplex Virus type I and Type II surface antibody is provided in phosphate buffered saline pH 7.4 containing bovine serum albumin (BSA) and 0.1% sodium azide.

7 ml of pre-diluted, Ready-to-Use, Do not dilute. Incubate for 1 hour. This antibody best stains when formalin fixed paraffin embedded sections are retrieved.

For Background-Free, gentle 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 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; for 1-hour incubation, dilute 1:50-1:100. The optimal incubation time and the working titer must be determined by the end user. **This antibody best stains when formalin fixed paraffin embedded sections are retrieved.**

For Background-Free, gentle 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 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 detection systems and the use of Enhancing wash buffer (see special usage guidance below). 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 Herpes Simplex Virus type I and type II 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 tissues for the purpose of quantitative localization of herpes simplex virus type I and II. 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.

FOR PROFESSIONAL AND RESEARCH USE ONLY