



Polyclonal Antibody to Human alpha-Chorionic Gonadotropin (α -hCG)

Technical Data Sheet

Reagent Category

Polyclonal primary antibodies to
alpha hCG

Antibody Formats Supplied

- 7 ml of anti alpha hCG, Ready-To-Use
- 0.2 ml of anti alpha hCG Concentrate

PRODUCT# IMI18461E (Ready-To-Use)

PRODUCT# IMI18452E (Concentrate)

SOURCE: Rabbit

IMMUNOGEN: Purified chorionic gonadotropin (alpha hCG) extracted from human placenta.

POSITIVE CONTROL TISSUE: Immature human Placenta (mid term)

REACTIVITY

This antibody reacts with the alpha subunit of human chorionic gonadotropin (α hCG) in the syncytial cells of immature human placenta. 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 polyclonal anti alpha hCG antibody is provided in phosphate buffered saline pH 7.4 containing bovine serum albumin (BSA) and 0.1% sodium azide.

7 ml of Ready-to-Use; Do not dilute. Incubate for 30 minutes. This antibody best stains when formalin fixed paraffin embedded tissue sections are retrieved.

For Background-Free and easy retrieval, Innovex Uni-Trieve (60°C-70°C) universal retrieval solution is highly recommended. To retrieve with Uni-Trieve: Warm up water bath to 60°C-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°C-70°C and let slides incubate at 60°C-70°C for 30 minutes. Rinse slides with 2 quick changes of water; No cooling period is required. Proceed with immunostaining.

0.2 ml Concentrate; dilute 1:20 for 30 minutes incubation. For longer incubation time the titer should be determined by the end user. **This antibody best stains when formalin fixed paraffin embedded tissue sections are retrieved.**

For Background-Free and easy retrieval, Innovex Uni-Trieve (60°C-70°C) universal retrieval solution is highly recommended. To retrieve with Uni-Trieve: Warm up water bath to 60°C-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°C-70°C and let slides incubate at 60°C-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 alpha hCG antigens 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 for the purpose of qualitative and /or quantitative localization of alpha hCG 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 if product will be used routinely. For long term storage, aliquot in small and practical volumes and freeze at 20-70 °C. Avoid multiple freeze-thaw cycles, which can greatly reduce antibody performance and stability.

IMPORTANT NOTE:

The interpretation of test results is the sole responsibility of the end user.

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