



Polyclonal Antibody to **GASTRIN**

Technical Data Sheet

Reagent Category

Polyclonal primary antibody to
GASTRIN

Antibody Formats Supplied

- 7 ml of anti GASTRIN, Ready-To Use
- 0.2 ml of anti GASTRIN, Concentrate

PRODUCT# IMI23561E (Ready-To-Use)

PRODUCT# IMI23552E (Concentrate)

SOURCE: Rabbit

IMMUNOGEN: synthetic gastrin I fragment (1-13) conjugated to KLH

POSITIVE CONTROL TISSUE: Stomach

REACTIVITY

This antibody reacts with gastrin and gastrin I fragment (1-13), it stains gastrin containing cells of human stomach (neuroendocrine 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.

STAINING PATTERN: Cytoplasmic

Antibody FORMATS, DILUTIONS and INCUBATIONS

Affinity purified polyclonal anti human gastrin antibody is provided in phosphate buffered saline pH 7.2 containing bovine serum albumin (BSA) and 0.05% sodium azide.

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

For Background-Free and easy retrieval, Innovex Uni-Trieve (60°C -70°C) universal retrieval solution is 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 the solution, bring it 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 of concentrate; The starting dilution for 30 minute incubation is 1:50 for formalin fixed paraffin- embedded sections. The optimal incubation time for the working titer must be determined by the end user. **This antibody best stains when formalin fixed paraffin embedded sections are retrieved.**

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THE SUGGESTED STARTING DILUTION FACTORS ARE MERE GUIDELINES ONLY. OPTIMAL DILUTION FACTORS MUST BE DETERMINED BY THE END USER FOR THE SECONDARY STAINING REAGENTS AND STAINING PROTOCOL EMPLOYED.

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 gastrin 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 gastrin. 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.

IMPORTANT NOTE:

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

FOR IN VITRO RESEARCH USE ONLY