



Polyclonal –Rabbit Antibody to **C1q COMPLEMENT** *Technical Data Sheet*

Reagent Category

Polyclonal primary antibody to
human C1q Complement

Antibody Formats Supplied

- 7 ml of C1q Complement Ready-To-Use
- 0.2 ml of C1q Complement Concentrate

PRODUCT# IMI19861E (Ready-To-Use)

PRODUCT# IMI19852E (Concentrate)

SOURCE: Rabbit

IMMUNOGEN: Human C1q complement

REACTIVITY

This antibody recognizes C1q Complement component and it contains 100% C1q complement. This antibody does not cross react with other components of complement cascade such as C3 or C4 and other complements. C1q antibody is suitable for use on formalin and routinely fixed paraffin embedded and frozen sections. For staining this antibody on paraffin sections no pre-treatment is necessary when staining with Innovex staining systems.

STAINING PATTERN: Cytoplasmic staining

POSITIVE CONTROL TISSUE: Lymphoma

Antibody FORMATS, DILUTIONS and INCUBATIONS

This purified polyclonal rabbit anti C1q 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 15-30 minutes.

This antibody best stains when formalin fixed paraffin embedded sections are retrieved.

For Background-Free and easy retrieval, Innovex Uni-Trieve (60°-75°C) universal retrieval solution is recommended. To retrieve with Uni-Trieve: Warm up a water bath to 60°-75°C and fill a slide holding container with 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°-75°C and let slides incubate at 60°-75°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 30 minute incubation, dilute 1:50, for longer incubation time the working titer must be determined by the user.

This antibody best stains when formalin fixed paraffin embedded sections are retrieved.

For Background-Free and easy retrieval, Innovex Uni-Trieve (60°-75°C) universal retrieval solution is recommended. To retrieve with Uni-Trieve: Warm up a water bath to 60°-75°C and fill a slide holding container with 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°-75°C and let slides incubate at 60°-75°C for 30 minutes. Rinse slides with 2 quick changes of water; No cooling period is required. Proceed with immunostaining.

The dilution factor for frozen section staining and other applications are considerably higher and must be determined by the end user for the application and the secondary staining reagents employed.

The above dilutions and incubation times were derived by the use of Innovex STAT-Q detection systems. For less sensitive detection systems these dilution factors may vary and should be determined by the end user for specific detection system and specimen employed.

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APPLICATIONS

This antibody is intended for use in immunolocalization of C1q 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 or quantitative localization of C1q proteins antibody can also be used for quantitative flow cytometric assays in the indirect method.

SPECIES REACTIVITY

This antibody reactivity with 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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