



## Polyclonal –Rabbit Antibody to **C4 COMPLEMENT**

### *Technical Data Sheet*

#### Reagent Category

Polyclonal primary antibody to  
human C4 Complement

#### Antibody Formats Supplied

- 7 ml of C4 Complement Ready-To-Use
- 0.2 ml of C4 Complement Concentrate

PRODUCT# IMI20061E (Ready-To-Use)

PRODUCT# IMI20052E (Concentrate)

**SOURCE:** Rabbit

**IMMUNOGEN:** Purified human C4 complement

#### **REACTIVITY**

This antibody recognizes C4 Complement component and it contains 100% C4 complement. This antibody does not cross react with other components of complement cascade such as C3 or C1q and other complements. This antibody is suitable for use on a variety of applications such as ELISA, Western Blot, flow cytometry and immunohistochemistry.

**STAINING PATTERN:** Cytoplasmic staining

**POSITIVE CONTROL TISSUE:** Lymphoma

#### **Antibody FORMATS, DILUTIONS and INCUBATIONS**

This purified polyclonal –rabbit anti C4 antibody is provided in phosphate buffered saline pH 7.2 containing bovine serum albumin (BSA) and 0.05% sodium azide.

**7 ml of pre-diluted, 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°-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 10-30 minute incubation, dilute 1:30- 1:50, for longer incubation time the working titer must be determined by the user.**

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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 APPLICATION, SECONDARY STAINING REAGENTS, SPECIMEN, STAINING PROTOCOL AND APPLICATION 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 they 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 C4 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 C4 proteins. This 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.**

***FOR PROFESSIONAL AND RESEARCH USE ONLY***