**Polyclonal Rabbit Anti-Human C1q Complement/FITC**

**Code F0254**

For research use only. Not for use in diagnostic procedures.

**Recommended use**

Polyclonal Rabbit Anti-Human C1q Complement/FITC, is recommended for demonstration of human C1q in tissues, and may also be used for other immunofluorescence techniques (1).

**Reagent provided**

The Anti-Human C1q Complement conjugate, F0254, has been produced from a purified immunoglobulin fraction of rabbit antiserum. F0254 is provided in liquid form in phosphate buffer containing 15 mmol/L NaN₃, pH 7.2.

**Antibody titre:** 25 mg/L (mg of antigen to be added to 1 L of antibody to reach equivalence point).

**F/P ratio:** E₄₉₅ nm/E₂₇₈ nm = 0.65 ± 0.05 corresponding to a molar FITC/protein ratio of 2.5.

**Immunogen**

C1q complement isolated from human plasma.

**Specificity/reactivity**

F0254 reacts with the human C1q complement. Traces of contaminating antibodies have been removed by solid-phase absorption.

In crossed immunoelectrophoresis, only the C1q complement precipitation arch appears when using 12.5 µL unconjugated antibody, Dako Rabbit Anti-Human C1q Complement, Code A0136, per cm² gel area against 2 µL human plasma. Staining: Coomassie Brilliant Blue.

**Precautions**

1. The device is not intended for clinical use including diagnosis, prognosis, and monitoring of a disease state, and it must not be used in conjunction with patient records or treatment.

2. This product contains sodium azide (NaN₃), a chemical highly toxic in pure form. At product concentrations, though not classified as hazardous, sodium azide may react with lead and copper plumbing to form highly explosive build-ups of metal azides. Upon disposal, flush with large volumes of water to prevent metal azide build-up in plumbing.

3. As with any product derived from biological sources, proper handling procedures should be used.

**Storage**

Store in the dark at 2-8 °C. Do not use after expiration date stamped on vial. If unexpected staining is observed which cannot be explained by variations in laboratory procedures and a problem with the product is suspected, contact our Technical Services.

During storage a small precipitate may occasionally develop causing a fine granular non-specific staining. By a simple filtration (0.22 µm cellulose acetate filter), the original high quality of the conjugate will be restored.

Conjugates should not be stored in diluted form.

**Staining procedure**

When applied on frozen tissue sections, specific background staining may occur owing to the presence of human immunoglobulin in the tissue. Thorough washing reduces this background.

Optimal conditions may vary depending on specimen and preparation method, and should be determined by each individual laboratory. It is recommended to include a suitable positive and negative control sample with each run for reagent and preparation control. Note that fluorochrome conjugates are light sensitive, and samples should be protected from light during the staining procedure and until the analysis.

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**Explanation of symbols**

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<th>REF</th>
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