

SCIENTIFIC BACKGROUND:

The Allophycocyanin (APC)-conjugated goat anti-rat IgM antibody F(ab')₂ fragment was isolated from goat antisera by immunoaffinity chromatography using antigens coupled to agarose beads. The antibody was pepsin digested to obtain the F(ab')₂ fragment. Fc fragments and whole IgG molecules have been removed.

SPECIFICITY:

Based on immunoelectrophoresis and/or ELISA, the antibody reacts with the heavy chain of rat IgM but not with rat IgG.

FORMAT:

Antibody is a freeze dried powder of mass 0.25 mg as determined by phycobiliprotein concentration and contains 15 mg/mL of bovine serum albumin and 0.05% sodium azide when reconstituted as described below.

RECONSTITUTION AND STORAGE:

Store freeze-dried product at 2-8°C until reconstitution. When ready to use, reconstitute with 0.5 mL distilled water. Centrifuge product if the solution is not clear after reconstitution. To judge clarity, draw product into a clean pasteur pipette. Store at 2-8°C. Do not freeze. Storing the product for more than 1 day at final working dilution is not recommended.

Expiration date: 6 months from date of reconstitution.

APPLICATIONS AND DIRECTIONS FOR USE:

Refer to Material Safety Data Sheet for more information.

Centrifuge tube briefly to ensure recovery of entire contents. The antibody is suitable for flow cytometry at a dilution of 1:100.

Note: Concentrations are recommendations only. Optimal working dilutions should be determined for each specific application.

Product Information Sheet

ANTIBODIES


Version 1.0.0

**GOAT ANTI-RAT
IgM-APC**

APC-Conjugated
Goat Polyclonal Antibody
F(ab')₂ Fragment

Catalog #10215 0.25 mg

**THIS REAGENT IS FOR RESEARCH USE ONLY.
IT IS NOT TO BE ADMINISTERED TO HUMANS.**

Hazardous Ingredient: Sodium Azide. Avoid exposure to skin and eyes, ingestion, and contact with heat, acids and metals. Wash exposed skin with soap and water. Flush eyes with water. Dilute with running water before discharging into plumbing.

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