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Product Specifications

Product: R-Phycoerythrin†-conjugated AffiniPure® Goat Anti-Mouse IgG, Fc_γ Subclass 3 Specific (minimal cross-reaction to Human, Bovine, and Rabbit Serum Proteins)

Code Number: 115-115-209

Lot Number: 92003

Physical State: Freeze-dried solid

Size: 0.5 ml

Phycobiliprotein Concentration: 0.5 mg/ml (determined by absorption = 82.0 at 566 nm for a 1% solution for only those R-PE molecules to which at least one molecule of active antibody is bound)

Suggested Dilution Range: 1:50 - 1:200 for most applications

Phycoerythrin: Purified from seaweed
Amax = 490 nm, 545 nm, and 566 nm; Emax = 580 nm

Buffer: 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6

Stabilizer: 15 mg/ml Bovine Serum Albumin (IgG-Free, Protease-Free)

Preservative: 0.05% Sodium Azide

Storage and Rehydration: Store freeze-dried solid at 2-8°C. Rehydrate with 0.5 ml dH_2O and centrifuge if not clear. Store at 2-8°C - do not freeze. Prepare working dilution on day of use. ***Expiration date:*** six months from date of rehydration. The expiration date may be extended if test results are acceptable for the intended use.

Purity: The antibody was purified from antisera by immunoaffinity chromatography using antigens coupled to agarose beads.

Antibody Specificity: Based on antigen-binding assay and/or ELISA, the antibody reacts with the Fc portion of mouse IgG3 but not with other mouse IgG subclasses, mouse IgM, or the Fab portion of mouse immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. The antibody has been tested by ELISA and/or solid-phase adsorbed to ensure minimal cross-reaction with human, bovine, and rabbit serum proteins, but it may cross-react with immunoglobulins from other species.

†Licensed under U.S. Patents 4,520,110 and 4,542,104; E.P.O. Patent 0076695; and Canadian Patent 1179942