

Product Information

Anti-Goat IgG (whole molecule)–R-Phycoerythrin produced in rabbit, affinity isolated antibody

Catalog Number **P9787**

Product Description

Anti-Goat IgG (whole molecule) is produced in rabbit using purified goat IgG as the immunogen. Affinity isolated antibody is obtained from rabbit anti-goat IgG antiserum by immunospecific purification which removes essentially all rabbit serum proteins, including immunoglobulins, which do not specifically bind to goat IgG. The purified antibody is then conjugated to R-phycoerythrin, Catalog Number P8912, by a modification of the method of Kronick.¹

Specificity of the antibody is determined by immunoelectrophoresis versus goat serum and goat IgG, prior to conjugation.

Identity and purity of the antibody is established by immunoelectrophoresis (IEP), prior to conjugation. Electrophoresis of the antibody preparation followed by diffusion against anti-rabbit IgG and anti-rabbit whole serum results in single arcs of precipitation.

Reagent

The conjugate is supplied as a solution in 0.01 M phosphate buffered saline, pH 7.4, containing 1% BSA, and 15 mM sodium azide as a preservative.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability

For continuous use, store at 2–8 °C for up to one month. For extended storage, the solution may be frozen in working aliquots. Repeated freezing and thawing, or storage in "frost-free" freezers, is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use.

Note: Store product protected from light.

Product Profile

Indirect immunofluorescence: a minimum working dilution of 1:20 was determined using chicken fibroblasts and Anti-Filamin, Catalog Number F2762, as the primary antibody.

Note: In order to obtain the best results, it is recommended that each individual user determine the optimum working dilution for their system by titration.

References

1. Kronick, M.N., *J. Immunol. Methods*, **92**, 1 (1986).

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