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ProductInformation

ANTI-RABBIT IgG (WHOLE MOLECULE)
Affinity Isolated Antigen Specific Antibody
Developed in Goat
Adsorbed with Human Serum Proteins

Product No. **R 4880**

Product Description

Antiserum is developed in goat using purified rabbit IgG as the immunogen. Antibody is isolated from goat anti-rabbit IgG antiserum by immunospecific purification, which removes essentially all goat serum proteins, including immunoglobulins, that do not specifically bind to rabbit IgG. The purified antibody is lyophilized from 0.01 M sodium phosphate, 0.015 M sodium chloride, pH 7.2, to which no preservatives have been added.

Specificity is determined by immunoelectrophoresis (IEP) versus normal rabbit serum and rabbit IgG.

Identity and purity of the antibody is established by immunoelectrophoresis. Electrophoresis of the antibody preparation followed by diffusion versus anti-goat IgG and anti-goat whole serum results in single arcs of precipitation.

Product Profile

One milligram of affinity isolated antibody will react with 0.5-2.0 mg of rabbit IgG as determined by single radial immunodiffusion (Becker)[1].

Protein

The protein content is determined after reconstitution with 0.135 M NaCl by absorbance at 280 nm using $E_{280}^{1\%} = 14.0$.

Reconstitution and Storage Instructions

To one vial of lyophilized powder add sufficient 0.135 M sodium chloride to achieve a 1 mg/ml solution of antibody. Rotate vial gently until powder dissolves. This will yield a protein solution in 0.01 M phosphate buffered saline. Prior to reconstitution store the product at 2-8 °C. After reconstitution, the solution may be stored frozen in working aliquots. Repeated freezing and thawing is **not** recommended. If slight turbidity occurs upon prolonged storage clarify the solution by centrifugation before use.

Reference

1. Becker, W., Immunochem., **6**, 539 (1969)

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