Product No. G-6638
Lot 066H88201

Anti-Goat IgG (whole molecule)
Developed in Donkey
Affinity Isolated Antigen Specific Antibody

Antiserum is developed in donkey using purified goat IgG as the immunogen. Affinity isolated antigen specific antibody is obtained from donkey anti-goat IgG antiserum by immunospecific purification which removes essentially all donkey serum proteins, including immunoglobulins, that do not specifically bind to goat 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

Antiserum is determined to be immunospecific for goat IgG by immunoelectrophoresis versus normal goat serum and goat IgG.

Identity and Purity

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

Reconstitution and Storage Instructions

To one vial of lyophilized powder, add sufficient 0.135M sodium chloride to yield a 1mg/ml solution, rotate vial gently until powder dissolves. This will yield a protein solution in phosphate buffered saline. Prior to reconstitution store the product at 0-5°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.

Titer

One milligram of affinity isolated antibody will react with 0.4 mg of goat IgG as determined by single radial immunodiffusion (Becker).[1]

Reference

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