

Product Information

Anti-Rabbit IgG (whole molecule)

produced in sheep, affinity isolated antibody,
adsorbed with human IgG

Catalog Number **R3631**

Product Description

Anti-Rabbit IgG (whole molecule) is produced in sheep using as immunogen purified rabbit IgG. Affinity isolated antibody is obtained from sheep anti-rabbit antiserum by immunospecific purification which removes essentially all sheep serum proteins, including immunoglobulins, which do not specifically bind to rabbit IgG. The antibody preparation is solid phase adsorbed with human IgG to ensure minimal cross reactivity in tissue or cell preparations.

The antiserum is determined to be immunospecific for rabbit IgG by immunoelectrophoresis (IEP) against normal rabbit serum and rabbit IgG. No reactivity is observed against human IgG.

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

Reagents

Supplied as a solution in 0.01 M phosphate buffered saline, pH 7.4, containing 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

Store at -20 °C. For immediate use, the product may be stored at 2-8 °C for up to one month. For extended storage, the solution may be frozen in working aliquots at -20 °C. 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.

Product Profile

Each milliliter of antiserum contains 2.0-2.5 mg of specific antibody as determined by precipitin analysis. Normal rabbit serum is used to determine the antibody concentration by a quantitative precipitation assay.

This sheep antiserum was heated to 56 °C for one hour and tested after treatment to meet USDA requirements.

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