

## Product Information

### Anti-Rabbit IgG (whole molecule)-TRITC

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

Catalog Number **T6778**

#### Product Description

Anti-Rabbit IgG (whole molecule) is produced in goat using IgG isolated from pooled normal rabbit serum as the immunogen. The antibody is obtained from goat anti-rabbit antiserum by immunospecific purification to remove essentially all goat serum proteins including immunoglobulins which do not bind specifically to rabbit IgG. Prior to conjugation, the antibody preparation is solid phase adsorbed with human IgG to minimize reactivity with human tissues or cell preparations. The affinity isolated antibody is conjugated to crystalline tetramethylrhodamine isothiocyanate (TRITC) and then further purified to remove free TRITC.

Specificity of the anti-rabbit IgG is determined prior to conjugation against normal rabbit serum and rabbit IgG, by immunoelectrophoresis. The antibody preparation does not react with human IgG by immunoelectrophoresis.

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

#### Reagents

The conjugate is provided 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

For continuous use, store 2-8 °C for up to one month. For extended storage, 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 by centrifugation before use.

**Note:** Store product protected from light.

#### Product Profile

F/P Molar Ratio: 1.0-5.0

Protein Concentration: 3.0-6.0 mg/ml by absorbance at 280 nm.

Direct immunofluorescence: a minimum working dilution of 1:400 was determined using human peripheral blood lymphocytes.

Immunohistochemistry: a minimum working dilution of 1:400 was determined using formalin-fixed, paraffin-embedded sections of human tonsil and Anti-Human IgG (whole molecule), Catalog Number I8635, as the primary antibody.

**Note:** In order to obtain best results it is recommended that each individual user determine their working dilutions by titration assay.

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