



GOAT ANTI-RABBIT IGG ANTIBODY (H+L), TEXAS RED

SKU: TI-1000-1.5



DESCRIPTION

The Texas Red Goat Anti-Rabbit IgG Antibody can be used for immunofluorescence and other applications. Optimal F/P ratios have been established for each conjugate to ensure maximum fluorescence with minimal background staining.

Features:

- Recognizes both heavy and light chains (H+L)
- Optimally labeled with Texas Red to provide the brightest label for fluorescence microscopy
- Supplied in solution
- Excitation: 595 nm
- Emission: 615 nm
- Color: Red

For research use only. Not intended for therapeutic or diagnostic use in animals or humans.



SPECIFICATIONS

Color of Fluorescence Red

Format Concentrate

Formulation 10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide

Maximum Emission 606-615 nm

Maximum Excitation 595-604 nm

Unit Size 1.5 mg

Storage Instructions 2-8 °C

Usage Summary The recommended concentration range for use is 5-20 µg/ml. If this antibody is to be used in tissues which may contain cross-reacting endogenous immunoglobulins, dilution of this antibody may be made in buffers containing 2 % normal serum from the same species as the tissue.

Applications Immunofluorescence, In situ hybridization, Blotting Applications, Flow Cytometry/Cell Separation

Target Species Rabbit

Concentration 1.5 mg active conjugate/ml

Conjugate Texas Red

Reactive Species Goat

Source Species Rabbit

Host Species Goat

TECHNICAL INFORMATION

The goat anti-rabbit Ig antibodies are prepared by hyperimmunizing animals in a manner that produces high affinity antibodies. These are then purified by an affinity chromatography procedure designed to remove any low affinity antibodies which may be present. Cross-reactivities that are likely to interfere with specific labeling are removed by solid-phase adsorption techniques. The final product is then subjected to rigorous quality control assays including immunodiffusion, solid-phase enzyme immunoassays, gel electrophoresis and solid-phase binding assays. In preparing the labeled antibodies, great care is taken to ensure the maximum degree of labeling with no alteration in the specificity and affinity of the antibody. The labeled antibody then undergoes a further series of quality control assays, including immunohistochemical analysis.

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Texas Red (sulforhodamine 101) excites at about 595 nm and emits at about 615 nm, producing a bright red fluorescence well removed from the emission spectrum of fluorescein. Texas Red Goat Anti-Rabbit IgG (H+L) Antibody conjugate is ideal as a single or double label reagent for flow cytometry or tissue staining.

CITATIONS



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DOCUMENTS

- [Safety Data Sheet](#)
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GALLERY IMAGES



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