



GOAT ANTI-HUMAN LAMBDA CHAIN ANTIBODY, FLUORESCIN

SKU: FI-3070-.5



DESCRIPTION

Fluorescein Goat Anti-Human Lambda Chain Antibody can be used for flow cytometry or for tissue staining. This chain-specific antibody is produced specifically to distinguish between chains or classes of target immunoglobulins.

Features:

- Affinity-purified, ultrapure, high affinity antibody
- Thoroughly adsorbed against serum and immunoglobulins from potentially interfering species
- Optimally labeled with fluorescein to provide the brightest label for fluorescence microscopy
- Supplied in solution
- Excitation: 495 nm
- Emission: 515 nm
- Color: Green
- **This chain-specific antibody is affinity-purified and treated by negative solid-phase**

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adsorption to remove cross-reacting antibodies. This chain specific antibody has virtually no cross-reactivity with other immunoglobulin classes or other heavy or light chains.

SPECIFICATIONS

Color of Fluorescence Green

Format Concentrate

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

Maximum Emission 510-520 nm

Maximum Excitation 490-500 nm

Unit Size 0.5 mg

Storage Instructions 2-8 °C

Usage Summary

The recommended concentration range for use is 5-20 µg/ml. If this fluorescein-labeled 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, Blotting Applications, Flow Cytometry/Cell Separation

Target Species Human

Concentration 1.0 mg active conjugate/ml

Conjugate Fluorescein

Reactive Species Goat

Source Species Human

Host Species Goat

TECHNICAL INFORMATION

The goat anti-human 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-

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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.

Optimal F/P ratios have been established for each conjugate to ensure maximum fluorescence with minimal background staining. Maximum excitation is at 495 nm and maximum emission is at 515 nm.

This antibody is affinity-purified and treated by negative solid-phase adsorption to remove cross-reacting antibodies. This chain specific antibody has virtually no cross-reactivity with other immunoglobulin classes or other heavy or light chains.

DOCUMENTS

- [Safety Data Sheet](#)
- [Download CoA](#)
- [Datasheet](#)

GALLERY IMAGES



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