

Product Datasheet / Instruction for use



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Goat IgG anti-Human Kappa light chain-FITC, MinX none

General Information

Catalog Number: SEC-183017 **Physical State:** Lyophilized

Quantity: Reconstitution Volume: 1.0 mL 1 mg

> **Reconstitution Buffer:** Restore with deionized water (or equivalent)

Shipping Conditions: at room temperature

Product Expiration Expiration date is one (1) year from date of

opening.

Antibody Host / Format

Host Species: Goat Clonality / Isotype / Clone: polyclonal Ig

Antibody Format: IgG whole molecule **Concentration:** 1.0 mg/mL by UV absorbance at 280 nm

> Conjugation: FITC (Fluoresceinisothiocyanat)

Maximum Excitation / Emission: 492 nm / 520 nm

Specificity

Target Species: Human Immunogen: Human kappa light chain

Antibody Specificity: Kappa light chain This product was prepared from monospecific antiserum by

immunoaffinity chromatography using Human antigens coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein and anti-Goat Serum. Specificity was confirmed by ELISA minimal cross-reactivity against other human heavy or light chain isotypes.

Store vial at 4° C prior to restoration. For extended storage aliquot

contents and freeze at -20° C or below. Avoid cycles of freezing and

thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an

undiluted liquid. Dilute only prior to immediate use.

Minimal Cross Reactivity: none

Formulation, Transport and Storage

Storage Buffer: 0.125 M Sodium Borate, 0.075 M Sodium Chloride, 0.005 M EDTA, pH

8.0

Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease

free

Preservatives: 0.01% (w/v) Sodium Azide

Storage Temperature: 4-8°C

Application Recommendation

This product is for In Vitro experimental use only. Not for Therapeutic or Diagnostic use.

Manufacturer

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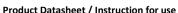


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Application: FLISA, Flow Cytometry, Immunofluorescence

FLISA 1:10.000 - 1:50.000, Flow cytometry 1:500 - 1:2,500, Immunofluorescence 1:1,000 - 1:5,000 Dilution:

Application Note:

This product is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.

Background Information

The anti-Human κ (kappa chain) Antibody detects the kappa chain subunit. Immunoglobulins are heterotetramers composed of 2 immunoglobulin heavy and 2 immunoglobulin light chains. The immunoglobulin light chain is the small polypeptide subunit of an antibody (immunoglobulin). In humans the light chains can be categorized into kappa type or lambda type and both are used to construct the antigen binding F(ab) region of an antibody along with the variable region of the heavy chain. Secondary Antibodies are available in a variety of formats and conjugate types. When choosing a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment composition. Anti-Human IgG kappa is conjugated to fluorescein.

Safety Information

This reagent contains sodium azide (a poisonous and hazardous substance) as preservative. Although this concentration is not regarded as dangerous to health, appropriate measures should be taken to avoid skin and eye contact, inhalation, and ingestion. Standard Laboratory Practices should be followed when handling this material.

Disclaimer

This product is warranted to perform in conformance with product specifications and to be free from defects in material and workmanship. Products are supplied for research use only. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated, this warranty is limited to one year from date of shipment when the product is subjected to normal, proper and intended usage. Buyer's exclusive remedy for non-conforming products during the warranty period is limited to replacement of or refund for the non-conforming product(s). There is no obligation to replace products as the result of accident or disaster or inappropriate use of the products in a manner for which they were not designed, or improper storage and handling of the products.







