

Product Datasheet / Instruction for use



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Goat F(ab')2 anti-Mouse IgG (H+L)-FITC, MinX Bo,Ho,Hu,Rb,Rt,Sh

General Information

Catalog Number: SEC-183788 **Physical State:** Lyophilized

Quantity: 0,5 ml Reconstitution Volume: 500 µL

> **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 F(ab')2 Fragment **Concentration:** 1.0 mg/mL by UV absorbance at 280 nm

> Conjugation: FITC (Fluoresceinisothiocyanat)

Maximum Excitation / Emission: 492 nm / 520 nm

Specificity

Target Species: Mouse Immunogen: Mouse IgG whole molecule

Antibody Specificity: IgG (H+L) This product was prepared from monospecific antiserum by

immunoaffinity chromatography using Mouse IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, pepsin digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein, anti-Goat Serum, Mouse IgG and Mouse Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c) or Bovine, Horse,

Human, Rabbit, Rat or Sheep Serum Proteins.

Minimal Cross Reactivity: Bovine, Horse, Human, Rabbit, Rat, Sheep

Formulation, Transport and Storage

Storage Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

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

free

Preservatives: 0.01% (w/v) Sodium Azide

Application Recommendation

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.

Storage Temperature: 4-8°C

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

Manufacturer

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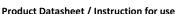


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Application: FLISA, Flow Cytometry, Immunofluorescence

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

Application Note:

Suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.

Background Information

F(ab')2 Anti-Mouse IgG (H&L) Fluorescein Antibody generated in goat was generated by enzymatic cleavage and subsequent separation from the Fc fragment. Because of their smaller size, F(ab)2 fragments offer several advantages over intact antibodies for use in certain immunochemical techniques and experimental applications. F(ab)2 fragments penetrate tissue samples and show better antigen recognition and signal generation in IHC. F(ab)2 fragments lack the Fc region and therefore do not bind Fc receptors which effectively lowers background staining. F(ab')2 Antibody is ideal for investigators who routinely perform flow cytometry, immunohistochemistry or IHC and other immunoassays.

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.





