

Product Datasheet / Instruction for use



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Goat F(ab')2 anti-Human IgA-Biotin, MinX none

General Information

Catalog Number: SEC-183752 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: 1.6 mg/mL by UV absorbance at 280 nm

Conjugation: Biotin

Maximum Excitation / Emission: /

Specificity

Target Species: Human IgA alpha heavy chain

Antibody Specificity: IgA (Alpha-Kette / This product was prepared from monospecific antiserum by

immunoaffinity chromatography using Human IgA 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-Biotin, anti-Goat Serum, Human IgA and Human Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c) or other human heavy or light above practices.

light chain proteins.

Minimal Cross Reactivity: none

Formulation, Transport and Storage

Storage Buffer: 0.01 M Sodium Phosphate,

0.25 M Sodium Chloride, pH 7.2

Stabilizer: 15 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease

free

Preservatives: 0.05% (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.

Fc-Fragment)

Manufacturer

BIOZOL
Diagnostica Vertrieb GmbH
Leipziger Straße 4
85386 Eching

Phone +49 (89) 3799 666 6 Fax +49 (89) 3799 666 99 E-mail info@biozol.de www.biozol.de

www.dianova.com

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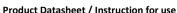


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Application: ELISA, Flow Cytometry, Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections),

Immunohistochemistry (frozen sections), Immunofluorescence, Western Blot

Dilution: ELISA 1:20,000 - 1:400,000, Flow Cytometry 1:200 - 1:1,000, Immunohistochemistry (IHC) 1:500 - 1:5,000,

Immunofluorescence 1:200 - 1:1,000, Western Blot (WB) 1:20.000 - 1:400.000

Application Note:

F(ab')2 Anti-Human IgA Biotin Antibody is designed for ELISA and western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.

Background Information

F(ab')2 Anti-Human IgA Biotin Antibody generated in goat detects immunoglobulin A (alpha chain) from human. Immunoglobulin A (IgA) is an antibody that plays a critical role in mucosal immunity. IgA has two subclasses (IgA1 and IgA2) and can exist in a dimeric form called secretory IgA (sIgA). 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. F(ab')2 Antibody is ideal for investigators who routinely perform flow cytometry, immunohistochemistry or IHC and other immunoassays. This product has been overfilled to ensure total recovery of stated quantity.

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.





