Rabbit F(ab')2 anti-Goat IgG (H+L)-Alk. Phos., MinX none

General Information

Catalog Number: SEC-183681

Quantity: 0,5 mg

Physical State: Liquid (sterile filtered)

Reconstitution Volume:

Reconstitution Buffer:

Shipping Conditions: Wet Ice

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

Antibody Host / Format

Host Species: Rabbit

Antibody Format: IgG F(ab')2 Fragment

Clonality / Isotype / Clone: polyclonal Ig

Concentration: 1.0 mg/mL by UV absorbance at 280 nm

Conjugation: Alkaline Phosphatase

Maximum Excitation / Emission: /

Specificity

Target Species: Goat

Antibody Specificity: IgG (H+L)

Immunogen: Goat IgG whole molecule

This product was prepared from monospecific antiserum by immunoaffinity chromatography using Goat IgG coupled to agarose beads followed by pepsin digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase, anti-Rabbit Serum, Goat IgG and Goat Serum. No reaction was observed against anti-Pepsin or anti-Rabbit IgG F(c).

Minimal Cross Reactivity: none

Formulation, Transport and Storage

Storage Buffer: 0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0

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

Preservatives: 0.01% (w/v) Sodium Azide

Store vial at 4° C before opening. DO NOT FREEZE. This product is stable at 4° C as an undiluted liquid. Dilute only prior to immediate use. Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity.

Storage Temperature: 4-8°C

Application Recommendation

Application: ELISA, Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections), Immunohistochemistry (frozen sections), Western Blot

Manufacturer

BIOZOL
Diagnostica Vertrieb GmbH
Oehleckerring 11-13
22419 Hamburg

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

Find Secondary Antibodies

www.biozol.de

Dilution: ELISA 1:4.000 - 1:16.000, Immunohistochemistry (IHC) 1:200 - 1:1,000, Western Blot (WB) 1:500 - 1:2.500

Application Note:

Suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency. This product has been assayed against 1.0 µg of Goat IgG in a standard capture ELISA using pNPP p-nitrophenyl phosphate code # NPP-10 as a substrate for 30 minutes at room temperature. A working dilution of 1:4,000 to 1:20,000 of the reconstitution concentration is suggested for this product.

Background Information

F(ab')2 Anti-Goat IgG Alkaline Phosphatase Antibody 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.

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