

Goat IgG anti-Mouse IgG3 (Fc)-Alk. Phos., MinX none

General Information

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| Catalog Number: SEC-183143 | Physical State: Liquid (sterile filtered) |
| Quantity: 1 mg | Reconstitution Volume: |
| | Reconstitution Buffer: |
| | Shipping Conditions: Wet Ice |
| | Product Expiration: Expiration date is one (1) year from date of opening. |

Antibody Host / Format

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| 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: Alkaline Phosphatase |
| | Maximum Excitation / Emission: / |

Specificity

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| Target Species: Mouse | Immunogen: Mouse IgG3 heavy chain |
| Antibody Specificity: IgG3 (IgG Fc gamma 3) | Anti-MOUSE IgG3 (Gamma 3 chain) Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using 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-Goat Serum, anti-Alkaline Phosphatase, Mouse Serum and Mouse IgG3. No reaction was observed against Bovine, Human, and Rabbit Serum Proteins. Specificity was confirmed by ELISA at less than 1% of target signal. |
| | Minimal Cross Reactivity: none |

Formulation, Transport and Storage

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| Storage Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 | Store vial at 4° C before opening. DO NOT FREEZE. Conjugated antibody 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. |
| Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free | |
| Preservatives: 0.1% (w/v) Sodium Azide | Storage Temperature: 4-8°C |

Application Recommendation

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|---|---|---|
| This product is for In Vitro experimental use only. Not for Therapeutic or Diagnostic use. | | |
| 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 Your Secondary Antibody Portal Powered by BIOZOL |
|  | Management System ISO 9001:2015 www.tuv.com ID 9000019771 |  |

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

Dilution: ELISA 1:2,000 - 1:10,000, Immunohistochemistry (IHC) 1:200 - 1:1,000, Western Blot (WB) 1:500 - 1:2.000

Application Note:

Alkaline Phosphatase Conjugated Secondary Antibodies are ideal for western blot and are available in a variety of formats and conjugate types. Anti-Mouse IgG3 Alkaline Phosphatase Conjugated Secondary antibodies are ideal for western blotting, Immunohistochemistry and ELISA as well as other antibody detection methods.

Background Information



Anti-Mouse IgG3 Alkaline Phosphatase Antibody generated in goat detects reactivity to Mouse IgG3 (Gamma 3 chain). Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. IgG3 comprises almost 10% of the IgG subclass and has a high affinity for binding to the Fc receptor of phagocytic cells. 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.

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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| <p>Manufacturer BIOZOL Diagnostica Vertrieb GmbH Leipziger Straße 4 85386 Eching</p> | <p>Phone +49 (89) 3799 666 6 Fax +49 (89) 3799 666 99 E-mail info@biozol.de www.biozol.de</p> | <p>www.dianova.com Your Secondary Antibody Portal Powered by BIOZOL</p> |
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