Sheep IgG anti-Mouse IgG (H+L)-Alk. Phos., MinX none

General Information

Catalog Number: SEC-183327

Quantity: 1 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: Sheep

Antibody Format: IgG whole molecule

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: Mouse

Antibody Specificity: IgG (H+L)

Immunogen: Mouse IgG whole molecule

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. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase (calf intestine), anti-Sheep Serum, Mouse IgG and Mouse Serum.

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 1:10.000 - 1:50.000, Immunohistochemistry (IHC) 1:200 - 1:1,000, Western Blot (WB) 1:500 - 1:2.500

Application Note:

This product has been assayed against 1.0 ug of Mouse 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 1:1,000 to 1:5,000 of the reconstitution concentration is suggested for this product.

Background Information

Anti-Mouse IgG Antibody generated in sheep detects reactivity to Mouse IgG. Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. Immunoglobulin G binds to viruses, bacteria, as well as fungi and facilitates their destruction or neutralization via agglutination (and thereby immobilizing them), activation of the compliment cascade, and opsinization for phagocytosis. The whole IgG molecule possesses both the F(c) region, recognized by high-affinity Fc receptor proteins, as well as the F(ab) region possessing the epitope-recognition site. Both the Heavy and Light chains of the antibody molecule are present. 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.

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