Goat IgG anti-Hamster armenian IgG (H+L)-HRPO, MinX none

General Information

Catalog Number: SEC-183645

Quantity: 1 mg

Physical State: Lyophilized

Reconstitution Volume: 1.0 mL

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

Antibody Format: IgG whole molecule

Clonality / Isotype / Clone: polyclonal Ig

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

Conjugation: Horseradish Peroxidase (HRP)

Maximum Excitation / Emission: /

Specificity

Target Species: Hamster armenian

Antibody Specificity: IgG (H+L)

Immunogen: Armenian Hamster IgG whole molecule

This product was prepared from monospecific antiserum by immunoaffinity chromatography using Armenian Hamster IgG coupled to agarose. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Goat Serum, Armenian Hamster IgG and Armenian Hamster Serum. Greatly diminished reactivity will occur against Golden Syrian Hamster IgG.

Minimal Cross Reactivity: none

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) Gentamicin Sulfate

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

Application Recommendation

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

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

Dilution: ELISA 1:150.000 - 1:250.000, Immunohistochemistry (IHC) 1:1,000 - 1:5,000, Western Blot (WB) 1:1.000 - 1:5.000

Application Note:

Anti-Hamster IgG HRP Secondary Antibody is designed for Western Blotting, ELISA and Immunohistochemistry. HRP conjugated secondary antibodies can also be used for a variety of other applications such as Assay Development.

Background Information

Anti-Armenian Hamster IgG Peroxidase Antibody generated in goat detects Armenian Hamster 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 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 Gentamicin Sulfate (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.DO NOT ADD SODIUM AZIDE! Use of Sodium Azide as a preservative will substantially inhibit the enzyme activity of horseradish peroxidase!

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