

Goat IgG anti-Ferret IgG (H)-unconj., MinX none

General Information

Catalog Number: SEC-183625	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

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: unconjugated
	Maximum Excitation / Emission: /

Specificity

Target Species: Ferret	Immunogen: Ferret IgG gamma heavy chain
Antibody Specificity: IgG (heavy chain)	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Ferret IgM 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, Ferret IgG and Ferret Serum. No reaction was observed against Ferret IgM or Ferret IgA. Specificity was confirmed by ELISA at less than 1% cross reactivity against other Ferret heavy or light chain isotypes.
	Minimal Cross Reactivity: none

Formulation, Transport and Storage

Storage Buffer: 0.125 M Sodium Borate, 0.075 M Sodium Chloride, 0.005 M EDTA, pH 8.0	Store vial at 4° C prior to opening. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing.
Stabilizer: None	Storage Temperature: 4-8°C
Preservatives: 0.01% (w/v) Sodium Azide	

Application Recommendation

Application: ELISA, Western Blot

This product is for In Vitro experimental use only. Not for Therapeutic or Diagnostic use.

Manufacturer

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Your Secondary Antibody Portal
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Management System
ISO 9001:2015



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ID 9000019771

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

Application Note:

This product is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.

Background Information

Anti-Ferret IgG Antibody generated in goat detects ferret 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.

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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