Goat IgG anti-Ferret IgG+IgM+IgA (H+L)-unconj., MinX none

General Information

Catalog Number:	SEC-183626	**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 IgA and IgM whole molecules
Antibody Specificity:	IgG + IgM + IgA (H+L)		

This product was prepared from polyspecific 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. This product is suitable for the detection of all Ferret immunoglobulin classes, isotypes and chain combinations.

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

Stabilizer: None

Preservatives: None

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.

Storage Temperature: 4-8°C

Application Recommendation

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

Dilution: ELISA 1:20.000 - 1:100.000, Immunohistochemistry (IHC) 1:1,000 - 1:5,000, Western Blot (WB) 1:2.000 - 1:10.000

Application Note:

Anti-Ferret IgG IgA IgM antibody is suitable for ELISA, western blot, and immunohistochemistry, as well as other assays requiring lot-to-lot consistency.

Background Information

Anti-Ferret IgG IgA IgM Antibody generated in goat detects immunoglobulin G, A, and M from ferret. Immunoglobulin G binds to antigens and can neutralize or opsinize targets, and are predominantly involved in the secondary immune response. Immunoglobulin A (IgA) is an antibody that plays a critical role in mucosal immunity. IgA has two subclasses (IgA1 and IgA2) and can exist in a dimeric form called secretory IgA (sIgA). Immunoglobulin M, or IgM, is a pentamer composed of 5 immunoglobulin molecules linked through their F(c) domain by the J chain.

Safety Information

The product contains no hazardous constituents. 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.