Anti-FERRET IgA (alpha chain) (GOAT) Antibody Peroxidase Conjugated - 618-103-006

Code: 618-103-006 **Size:** 1 mg

Product Description: Anti-FERRET IgA (alpha chain) (GOAT) Antibody Peroxidase Conjugated - 618-103-006

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

PhysicalState: Lyophilized

Label	Peroxidase (Horseradish)
Host	Goat
Species Reactivity	Ferret
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Reconstitution Volume	1.0 mL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Stabilizer	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative	0.01% (w/v) Thimerosal
Storage Condition	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.
Synonyms	goat anti-Ferret IgA (alpha chain) Antibody peroxidase Conjugation, goat anti-Ferret IgA alpha HRP Conjugated Antibody
Application Note	Anti-Ferret IgA Peroxidase conjugate is suitable for immunoblotting (western or dot blot), ELISA, immunoelectron microscopy and immunohistochemistry as well as other antibody-based enzymatic assays requiring lot-to-lot consistency. Ferret IgA (alpha chain) antibody has been assayed against 1.0 ug of Ferret IgA in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:2,000 to 1:8,000 of the reconstitution concentration is suggested for Anti-Ferret IgA (alpha chain) Antibody.
Background	Anti-Ferret IgA Peroxidase Antibody generated in goat detects immunoglobulin A from ferret. 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). Anti-Ferret IgA (alpha chain) Antibody is ideal for investigators in Cancer, Immunology, and Microbiology research.
Purity And Specificity	Anti-Ferret IgA (alpha chain) Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Ferret IgA 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-Peroxidase, anti-Goat Serum, Ferret IgA and Ferret Serum. Specificity was confirmed by ELISA at less than 1% cross reactivity against other Ferret heavy or light chain isotypes.
Assay Dilutions	User Optimized
ELISA	1:10,000 - 1:50,000
Western Blot	1:1,000 - 1:5,000
Immunohistochemistry	1:500 - 1:2,500
Other Assays	User Optimized
Expiration	Expiration date is one (1) year from date of opening.
Immunogen	Anti-Ferret IgA was produced by repeated immunization with ferret IgA alpha heavy chain in goat.
General Reference	Janeway, Jr., Travers, Walport, and Shlomchik. "The Immune System in Health and Disease." Immunobiology, 5th Edition: Garland Science: 2001.

Related Products

618-100-007	Anti-FERRET IgM (mu chain) (GOAT) Antibody Rhodamine Conjugated - 618-100-007
618-100-012	Anti-FERRET IgG (gamma chain) (GOAT) Antibody Rhodamine Conjugated - 618-100-012

618-100-130	Anti-FERRET IgG IgA IgM (H&L) (GOAT) Antibody Rhodamine Conjugated - 618-100-130
618-102-006	Anti-FERRET IgA (alpha chain) (GOAT) Antibody Fluorescein Conjugated - 618-102-006

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