

Datasheet for 618-106-006

Ferret IgA (alpha chain) Antibody Biotin Conjugated**Overview**

Description:	Goat Anti-Ferret IgA (alpha chain) Antibody Biotin Conjugated - 618-106-006
Item No.:	618-106-006
Size:	1 mg
Reactivity:	Ferret
Host Species:	Goat

Product Details

Background:	Anti-Ferret IgA Biotin 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).
Synonyms:	Goat anti-ferret IgA Antibody, Ferret IgA Secondary Antibody
Host Species:	Goat
Specificity:	IgA
Conjugate:	Biotin
Clonality:	Polyclonal
Format:	IgG

Target Details

Reactivity:	Ferret
Immunogen:	Ferret IgA alpha heavy chain
Purity/Specificity:	Anti-FERRET IgA (alpha chain) (GOAT) 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-biotin, anti-Goat Serum, Ferret IgA and Ferret Serum. No reaction was observed against Ferret IgM or Ferret IgG.

Application Details

Application Note:	Anti-FERRET IgA (alpha chain) (GOAT) Antibody has been assayed against 1.0 ug of Ferret IgA in a standard capture ELISA using Peroxidase Conjugated Streptavidin #S000-03 and 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 1:5,000 to 1:20,000 is suggested for this product.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:20,000 - 1:100,000
IHC:	1:1,000 - 1:5,000
WB:	1:2,000 - 1:10,000

Formulation

Physical State:	Lyophilized
Concentration:	1.0 mg/mL by UV absorbance at 280 nm
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Sodium Azide
Stabilizer:	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Reconstitution Volume:	1.0 mL
Reconstitution Buffer:	Restore with deionized water (or equivalent)

Shipping & Handling

Shipping Condition:	Ambient
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.
Expiration:	Expiration date is one (1) year from date of receipt.

Disclaimer

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