

Product Datasheet / Instruction for use



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# Goat IgG anti-Ferret IgA-Alk. Phos., MinX none

#### **General Information**

**Catalog Number:** SEC-183635 **Physical State:** Liquid (sterile filtered)

Quantity: **Reconstitution Volume:** 1 mg

**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: Alkaline Phosphatase

Maximum Excitation / Emission: /

# Specificity

**Target Species:** Ferret Immunogen: Ferret IgA alpha heavy chain

**Antibody Specificity:** IgA (Alpha-Kette / This product 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-Alkaline Phosphatase (calf intestine), 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.

Minimal Cross Reactivity: none

# Formulation, Transport and Storage

Storage Buffer: 0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v)

Glycerol; pH 8.0

Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease

free

**Preservatives:** 0.1% (w/v) Sodium Azide

Store vial at 4° C before opening. DO NOT FREEZE. This product is stable at 4° C as an undiluted liquid. Dilute only prior to immediate use. Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity.

4-8°C **Storage Temperature:** 

## **Application Recommendation**

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

Fc-Fragment)

Manufacturer

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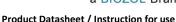


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Application: ELISA, Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections),

Immunohistochemistry (frozen sections), Western Blot

**Dilution:** ELISA 1:2,000 - 1:10,000, Immunohistochemistry (IHC) 1:200 - 1:1,000, Western Blot (WB) 1:500 - 1:3.000

#### **Application Note:**

Anti-Ferret IgA Alk Phos 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.

# **Background Information**

Anti-Ferret IgA Alkaline Phosphatase 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).

### 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.







