

Datasheet for ABIN5608093

Goat anti-Human IgA (Heavy Chain) Antibody (Alkaline Phosphatase (AP)) - Preadsorbed



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Overview

Quantity:	500 µg
Target:	IgA
Binding Specificity:	Heavy Chain
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	Alkaline Phosphatase (AP)
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Human IgA alpha heavy chain
Isotype:	IgG
Fragment:	F(ab') ₂ fragment
Characteristics:	Suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency.
Purification:	Preadsorption: Solid phase absorption

Target Details

Target:	IgA
Abstract:	IgA Products

Target Details

Target Type: Antibody

Background: Synonyms: Goat F(ab')₂ anti-Human IgA (alpha chain) Antibody alkaline phosphatase Conjugation, Goat F(ab')₂ anti-Human IgA alpha alk phos Conjugated Antibody
Background: F(ab')₂ Anti-Human IgA Alkaline Phosphatase Antibody generated in goat detects immunoglobulin A (alpha chain) from human. 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). Secondary Antibodies are available in a variety of formats and conjugate types. When choosing a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment composition. F(ab')₂ Antibody is ideal for investigators who routinely perform flow cytometry, immunohistochemistry or IHC and other immunoassays.

Application Details

Application Notes: Immunohistochemistry Dilution: 1:200-1:1,000
Application Note: Suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency. This product has been assayed against 1.0 µg of Human IgA in a standard capture ELISA using pNPP p-nitrophenyl phosphate code # NPP-10 as a substrate for 30 minutes at room temperature. A working dilution of 1:4,000 to 1:20,000 of the reconstitution concentration is suggested for this product.
ELISA Dilution: 1:2,000-1:10,000
Western Blot Dilution: 1:500-1:2,500

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitution Volume: 500 µL

Concentration: 0.6 mg/mL

Buffer: Buffer: 0.1 M Tris Chloride, 0.5 M Sodium Chloride, pH 8.0
Stabilizer: 15 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative: 0.05 % (w/v) Sodium Azide

Preservative: Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store vial at 4° C before opening. DO NOT FREEZE. This product is stable at 4° C as an undiluted powder. Dilute only prior to immediate use. Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity.
Expiry Date:	12 months