



Datasheet for ABIN100717

Goat anti-Human IgA (Heavy Chain) Antibody (Biotin) - Preadsorbed



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1 Publication

Overview

Quantity:	1 mg
Target:	IgA
Binding Specificity:	Heavy Chain
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	Biotin
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Anti-Human IgA alpha heavy chain antibody was produced by repeated immunization with Human IgA alpha heavy chain in goat. Immunogen Type: Native Protein
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Anti-Human IgA alpha heavy chain antibody generated in goat detects specifically Human IgA alpha heavy chain. Concentration Definition: by UV absorbance at 280 nm
Purification:	Preadsorption: Solid phase absorption
Labeling Ratio:	10-20

Target Details

Target:	IgA
Abstract:	IgA Products
Target Type:	Antibody
Background:	<p>Synonyms: goat anti-Human IgA (alpha chain) biotin conjugated Antibody, goat anti-Human IgA alpha Antibody biotin conjugation</p> <p>Background: Anti-Human IgA Biotin 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.</p>

Application Details

Application Notes:	<p>Immunohistochemistry Dilution: 1:1,000 - 1:5,000</p> <p>Application Note: Anti-HUMAN IgA (alpha chain) (GOAT) Antibody 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.</p> <p>ELISA Dilution: 1:60,000 - 1:600,000</p> <p>Western Blot Dilution: 1:2,000 - 1:10,000</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	<p>Reconstitution Volume: 1.0 mL</p> <p>Reconstitution Buffer: Restore with deionized water (or equivalent)</p>
Concentration:	1.0 mg/mL
Buffer:	<p>Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2</p> <p>Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free</p> <p>Preservative: 0.01 % (w/v) Sodium Azide</p>
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.

Handling Advice: Aliquot to Avoid repeated freezing and thawing.

Storage: RT,4 °C,-20 °C

Expiry Date: 12 months

Publications

Product cited in: Yu, Pollock, Duval, Lewis, Joseph, Meade, Cavacini: "Neutralization of HIV by milk expressed antibody." in: **Journal of acquired immune deficiency syndromes (1999)**, Vol. 62, Issue 1, pp. 10-6, (2013) ([PubMed](#)).