

Datasheet for ABIN5608053

**Goat anti-Human IgA (Heavy Chain) Antibody (Biotin) -
Preadsorbed**[Go to Product page](#)

Overview

Quantity:	500 µL
Target:	IgA
Binding Specificity:	Heavy Chain
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	Biotin
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB), Flow Cytometry (FACS)

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:	<p>Synonyms: Goat F(ab')₂ anti-Human IgA (alpha chain) Antibody biotin Conjugation, Goat F(ab')₂ anti-Human IgA alpha biotin Conjugated Antibody</p> <p>Background: F(ab')₂ 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. F(ab')₂ Antibody is ideal for investigators who routinely perform flow cytometry, immunohistochemistry or IHC and other immunoassays.</p>

Application Details

Application Notes:	<p>Immunohistochemistry Dilution: 1:500 - 1:5,000</p> <p>Application Note: F(ab')₂ Anti-Human IgA Biotin Antibody is designed for ELISA and western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.</p> <p>ELISA Dilution: 1:20,000 - 1:400,000</p> <p>Flow Cytometry Dilution: 1:200 - 1:1,000</p> <p>Western Blot Dilution: 1:2,000 - 1:10,000</p> <p>Other Performance Data: This product has been overfilled to ensure total recovery of stated quantity.</p>
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Comment:	This product has been overfilled to ensure total recovery of stated quantity.
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	<p>Reconstitution Volume: 500 µL</p> <p>Reconstitution Buffer: Restore with deionized water (or equivalent)</p>
Concentration:	1.0 mg/mL
Buffer:	<p>Buffer: 0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2</p> <p>Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free</p>

Handling

Preservative: 0.01 % (w/v) Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: RT,4 °C,-20 °C

Storage Comment: 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.

Expiry Date: 12 months