Datasheet for ABIN5608104

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

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Overview

Quantity:	1 mg
Target:	IgA
Binding Specificity:	Heavy Chain
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	FITC
Application:	Flow Cytometry (FACS), Fluorescence Microscopy (FM)

Product Details

Immunogen:	Immunogen: Human IgA alpha heavy chain
Isotype:	IgG
Fragment:	F(ab')2 fragment
Characteristics:	This product is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.
Purification:	Preadsorption: Solid phase absorption
Labeling Ratio:	2.4

Target Details

Target:	IgA
Abstract:	IgA Products
Target Type:	Antibody
Background:	Synonyms: Goat F(ab')2 anti-Human IgA (alpha chain) Antibody Fluorescein Conjugation, Goat F(ab')2 anti-Human IgA alpha FITC Conjugated Antibody Background: F(ab')2 Anti-Human IgA Fluorescein 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:	Application Note: F(ab')2 Anti-Human IgA Fluorescein Antibody is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms. Suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity. Flow Cytometry Dilution: 1:500-1:2,500 IF Microscopy Dilution: 1:1,000-1:5,000 Other Performance Data: This product has been overfilled to ensure total recovery of stated quantity.
Comment:	This product has been overfilled to ensure total recovery of stated quantity.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitution Volume: 1.0 mL

Handling

	Reconstitution Buffer: Restore with deionized water (or equivalent)
Concentration:	1.5 mg/mL
Buffer:	Buffer: 0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2 Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free 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