



Anti-HUMAN IgA (alpha chain) (RABBIT) Antibody Fluorescein Conjugated - 609-4206

Code: 609-4206

Size: 1 mg

Product Description: Anti-HUMAN IgA (alpha chain) (RABBIT) Antibody Fluorescein Conjugated - 609-4206

Concentration: 1.0 mg/mL by UV absorbance at 280 nm

PhysicalState: Lyophilized

Label	Fluorescein (FITC)
Host	Rabbit
Emission Wavelength	528
Excitation Wavelength	495
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Reconstitution Volume	1.0 mL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Stabilizer	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative	0.01% (w/v) Sodium Azide
Storage Condition	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.
Synonyms	rabbit anti-Human IgA (alpha chain) fluorescein conjugated Antibody, rabbit anti-Human IgA alpha Antibody FITC conjugation
Application Note	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.
Background	Anti-Human IgA Fluorescein Antibody generated in rabbit 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.
Purity And Specificity	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Human 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-Fluorescein, anti-Rabbit Serum, Human IgA and Human Serum. No reaction was observed against Human IgG or Human IgM. Specificity was confirmed by ELISA minimal cross reactivity against other Human heavy or light chain isotypes.
Assay Dilutions	FLOW CYTOMETRY 1:500 - 1:2,500
FLISA	1:10,000 - 1:50,000
IF Microscopy	1:1,000 - 1:5,000
Flow Cytometry	1:500 - 1:2,500
Other Assays	FLOW CYTOMETRY 1:500 - 1:2,500
Expiration	Expiration date is one (1) year from date of opening.
Immunogen	Human IgA alpha heavy chain

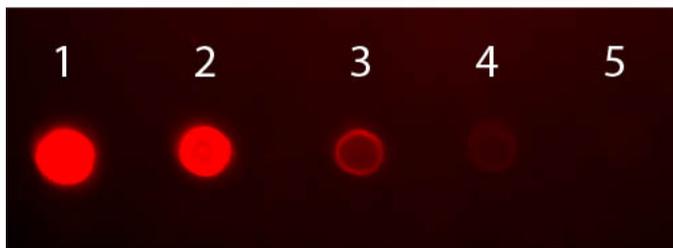
Related Products

610-4302	Anti-MOUSE IgG (H&L) (RABBIT) Antibody Peroxidase Conjugated - 610-4302
611-1302	Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302

B304 NORMAL GOAT SERUM (NGS) - B304
BSA-50 BOVINE SERUM ALBUMIN - Fraction V (Immunoglobulin and
 Protease Free) - BSA-50

Images

1 Dot Blot of Human IgA (alpha chain) Antibody Fluorescein
 Conjugated. Antigen: Human IgA. Load: Lane 1 - 50 ng Lane 2 -
 16.67 ng Lane 3 - 5.56 ng Lane 4 - 1.85 ng Lane 5 - 0.62
 ng. Primary antibody: none. Secondary antibody: Human IgA (alpha
 chain) Antibody Fluorescein Conjugated at 1:1,000 for 60 min at
 RT. Block: MB-070 for 60 min at RT.



Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.