

Rabbit IgG anti-Human IgA-FITC, MinX none

General Information

Catalog Number: SEC-183065	Physical State: Lyophilized
Quantity: 1 mg	Reconstitution Volume: 1.0 mL
	Reconstitution Buffer: Restore with deionized water (or equivalent)
	Shipping Conditions: at room temperature
	Product Expiration: Expiration date is one (1) year from date of opening.

Antibody Host / Format

Host Species: Rabbit	Clonality / Isotype / Clone: polyclonal Ig
Antibody Format: IgG whole molecule	Concentration: 1.0 mg/mL by UV absorbance at 280 nm
	Conjugation: FITC (Fluoresceinisothiocyanat)
	Maximum Excitation / Emission: 492 nm / 520 nm

Specificity

Target Species: Human	Immunogen: Human IgA alpha heavy chain
Antibody Specificity: IgA (Alpha-Kette / Fc-Fragment)	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.
	Minimal Cross Reactivity: none

Formulation, Transport and Storage

Storage Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2	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.
Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free	
Preservatives: 0.01% (w/v) Sodium Azide	
	Storage Temperature: 4-8°C

Application Recommendation

This product is for In Vitro experimental use only. Not for Therapeutic or Diagnostic use.		
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		 Management System ISO 9001:2015 www.tuv.com ID 900019771

Application: FLISA, Flow Cytometry, Immunofluorescence

Dilution: FLISA 1:10.000 - 1:50.000, Flow cytometry 1:500 - 1:2,500, Immunofluorescence 1:1,000 - 1:5,000

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 Information

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.

Safety Information

This reagent contains sodium azide (a poisonous and hazardous substance) as preservative. Although this concentration is not regarded as dangerous to health, appropriate measures should be taken to avoid skin and eye contact, inhalation, and ingestion. Standard Laboratory Practices should be followed when handling this material.

Disclaimer

This product is warranted to perform in conformance with product specifications and to be free from defects in material and workmanship. Products are supplied for research use only. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated, this warranty is limited to one year from date of shipment when the product is subjected to normal, proper and intended usage. Buyer's exclusive remedy for non-conforming products during the warranty period is limited to replacement of or refund for the non-conforming product(s). There is no obligation to replace products as the result of accident or disaster or inappropriate use of the products in a manner for which they were not designed, or improper storage and handling of the products.

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Manufacturer

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