

Product Datasheet / Instruction for use



# Rabbit IgG anti-Mouse IgG2a (Fc)-FITC, MinX none

## **General Information**

Catalog Number:       SEC-183263       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.       Depring.         Antibody Host / Format       Etonality / 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       IgG2a (IgG Fc gamma 2a)       Immunoagfinity chromatography using Mouse IgG2a heavy chain         Antibody Specificity:       IgG2a (IgG Fc gamma 2a)       Immunoaffinity chromatography using Mouse IgG2a coupled to agarose beeds followed by solid phase adsorption(s) against a pnel of immobilized mouse and human serum proteins resulting in a conjugated antibody designed for flow cytometry. Specificity was confirmed by ELSA at less than 1% cross reactivity: against other mouse or human heavy or light chain isotypes.         Minimal Cross Reactivity: none       Storage Buffer: 0.02 M Potassium         Phosphate, 0.15 M Sodium Chloride, pH 7.2.       Storage Suffer: 0.03 M Notice Serum         Albumin (BSA) - Immunoglobulin and Protease free       Storage Temperature: 4-8°C					
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       Expiration date is one (1) year from date of opening.         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       IgG2a (IgG Fc gamma 2a)       Immunogen:       Mouse IgG2a heavy chain         This product was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG2a coupled to agarose beads followed by solid phase adsorption(s) against a panel of immobilized mouse and human serum proteins resulting in a conjugated antibody designed for flow cytometry. Specificity was confirmed by ELSA at less than 1% cross reactivity against other mouse or human heavy or light chain isotypes.         Minimal Cross Reactivity: none       Eormulation, 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 an thawing. Centrifuge product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.         Storage Temperature:       4.8°C	Catalog Number:	SEC-183263	Physical State:	Lyophilized	
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Antibody Host / Format         Host Species:       Rabbit         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:       Mouse         Antibody Specificity:       IgG2a (IgG Fc gamma 2a)         Immunogen:       Mouse IgG2a heavy chain         This product was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG2a coupled to agarose beads followed by solid phase adsorption(s) against a panel of immobilized mouse and human serum proteins resulting in a conjugated antibody designed for flow cytometry. Specificity was confirmed by ELISA at less than 1% cross reactivity: none         Formulation, Transport and Storage       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 thaving. 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.         Storage Temperature:       4.8°C			<b>Reconstitution Buffer:</b>	Restore with deionized water (or equivalent)	
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Annlication Recommendation			Storage Temperature:	4-8°C	

Application: FLISA, Flow Cytometry, Immunofluorescence

This product is for In Vitro experimental use only. Not for Therapeutic or Diagnostic use. Management System Manufacturer BIOZOL ISO 9001:2015 Phone +49 (89) 3799 666 6 www.dianova.com Diagnostica Vertrieb GmbH Fax +49 (89) 3799 666 99 TÜVRheinland Your Secondary Antibody Portal Leipziger Straße 4 E-mail info@biozol.de ZERTIFIZIERT www.tuv.com ID 9000019771 Powered by BIOZOL 85386 Eching www.biozol.de



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

#### **Application Note:**

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.

### **Background Information**

Anti-Mouse IgG2a Fluorescein Antibody generated in rabbit detects reactivity to Mouse IgG2a (Gamma 2a chain). Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. IgG2, the second largest of IgG isotypes, comprises almost 25% of IgG and has a low affinity for binding to the Fc receptor of phagocytic cells. 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.

This product is for In Vitro experimental use only. Not for Therapeutic or Diagnostic use.

Manufacturer

BIOZOL **Diagnostica Vertrieb GmbH** Leipziger Straße 4 85386 Eching

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Management

System