

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	
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: Rabbit Clonality / Isotype / Clone: polyclonal Ig Antibody Format: IgG whole molecule Concentration: 1.0 mg/mL by UV absorbance at 280 nm Specificity IgG2a (IgG Fc gamma 2a) 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 ELISA at Iess 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 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. Storage Temperature: 4.8°C <th>Quantity:</th> <th>1 mg</th> <th>Reconstitution Volume:</th> <th>1.0 mL</th>	Quantity:	1 mg	Reconstitution Volume:	1.0 mL	
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			Reconstitution Buffer:	Restore with deionized water (or equivalent)	
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) Immunoaffinity chromatography using Mouse IgG2a heavy chain This product was prepared from monospecific antiserum by immooffinity 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 against other mouse or 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. Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free Storage Temperature: Preservatives: 0.01% (w/v) Sodium Azide			Shipping Conditions:	at room temperature	
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 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 against other mouse or human heavy or light chain isotypes. Formulation, Transport and Storage Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or bolow. 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. Storage Temperature: 0.01% (w/v) Sodium Azide			Product Expiration		
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 EUSA at less than 1% cross reactivity against other mouse or 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 Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free 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 norm 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	Antibody Host / Format				
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 against other mouse or 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 Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free 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. Storage Temperature: 4-8°C	Host Species:	Rabbit	Clonality / Isotype / Clon	e: polyclonal Ig	
Specificity Target Species: Mouse Antibody Specificity: IgG2a (IgG Fc gamma 2a) 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 against other mouse or human heavy or light chain isotypes. Formulation, Transport and Storage Storage Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Storage Buffer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free Storage 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	Antibody Format:	IgG whole molecule	Concentration:	1.0 mg/mL by UV absorbance at 280 nm	
Specificity Target Species: Mouse Antibody Specificity: IgG2a (IgG Fc gamma 2a) Immunoaffinity chromatography using Mouse IgG2a coupled to agarose beads followed by solid phase adsorption(s) against a panel of immunoaffinity chromatography using Mouse IgG2a coupled to agarose beads followed by solid phase adsorption(s) against a panel of immunoaffinity chromatography using Mouse IgG2a coupled to agarose beads followed by solid phase adsorption(s) against a panel of immunoaffinity chromatography using Mouse IgG2a coupled to agarose beads followed by solid phase adsorption(s) against a panel of immunoaffinity chromatography using Mouse IgG2a coupled to agarose beads followed by solid phase adsorption(s) against a panel of immunoaffinity chromatography using Mouse IgG2a coupled to agarose beads followed by solid phase adsorption(s) against a panel of immunoaffinity chromatography using Mouse IgG2a coupled to agarose beads followed by solid phase adsorption(s) against a panel of immunoaffinity chromatography using Mouse IgG2a coupled to agarose. Minimal Cross reactivity against other mouse or human heavy or light chain isotypes. Minimal 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 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. Storage Temperature: 4-8°C			Conjugation:	FITC (Fluoresceinisothiocyanat)	
Target Species:MouseImmunogen:Mouse IgG2a heavy chainAntibody Specificity:IgG2a (IgG Fc gamma 2a)Immunogen:Mouse IgG2a heavy chainThis 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 against other mouse or human heavy or light chain isotypes.Formulation, Transport and StorageStorage Buffer:0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: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 stabile for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.Preservatives:0.01% (w/v) Sodium AzideStorage Temperature:4-8°C			Maximum Excitation / Emission: 492 nm / 520 nm		
Antibody Specificity:IgG2a (IgG Fc gamma 2a)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 	Specificity				
gamma 2a)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 against other mouse or human heavy or light chain isotypes. Minimal Cross Reactivity: noneFormulation, Transport and StorageStorage Buffer:0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer:Stabilizer:10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease freePreservatives:0.01% (w/v) Sodium Azide	Target Species:	Mouse	Immunogen:	Mouse IgG2a heavy chain	
Formulation, Transport and StorageStorage Buffer:0.02 M PotassiumPhosphate,0.15 M Sodium Chloride,Phosphate,0.15 M Sodium Chloride,Stabilizer:10 mg/mL Bovine SerumAlbumin (BSA) - Immunoglobulin and Protease freeThis product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.Preservatives:0.01% (w/v) Sodium Azide	Antibody Specificit		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 against other mouse or human heavy or		
Storage Buffer:0.02 M PotassiumPhosphate, 0.15 M Sodium Chloride, pH 7.2Store 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.Preservatives:0.01% (w/v) Sodium Azide			Minimal Cross Reactivity	: none	
Phosphate, 0.15 M Sodium Chloride, pH 7.2Stabilizer:10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease freecontents 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.Preservatives:0.01% (w/v) Sodium AzideStorage Temperature:4-8°C	Formulation, Transport and Storage				
Albumin (BSA) - Immunoglobulin and Protease room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. Free Storage Temperature: 4-8°C	Phosphate, 0.15 M Sodium Chloride, pH 7.2		contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at		
Preservatives: 0.01% (w/v) Sodium Azide	Albumin (BSA) - Immunoglobulin and Protease		undiluted liquid. Dilute only prior to immediate use.		
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



Product Datasheet / Instruction for use



SEC-183263 2023-02-23 2 / 2

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

Phone +49 (89) 3799 666 6 Fax +49 (89) 3799 666 99 E-mail info@biozol.de www.biozol.de

www.dianova.com Your Secondary Antibody Portal

Powered by BIOZOL

TÜVRheinland ZERTIFIZIERT ID 9000019771

ISO 9001:2015

Management

System