

Product Datasheet / Instruction for use



SEC-182514 2023-02-23 1 / 2

# Rabbit IgG anti-Dog IgG (F(ab')2)-FITC, MinX none

#### **General Information**

Catalog Number: SEC-182514 Physical State: Lyophilized

Quantity: 20 mg Reconstitution Volume: 2.0 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: 10.0 mg/mL by UV absorbance at 280

nm

**Conjugation:** FITC (Fluoresceinisothiocyanat)

Maximum Excitation / Emission: 492 nm / 520 nm

### **Specificity**

Target Species: Dog Immunogen: Dog IgG F(ab')2 fragment

Antibody Specificity: IgG (F(ab')2 This product is an IgG fraction antibody purified from monospecific

antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-fluorescein, anti-Rabbit Serum, Dog IgG, Dog IgG F(ab')2 and Dog Serum. No reaction was observed against Dog IgG F(c).

Minimal Cross Reactivity: none

### Formulation, Transport and Storage

Storage Buffer: 0.01 M Sodium Phosphate,

Fragment)

0.15 M Sodium Chloride, pH 7.2

**Stabilizer:** 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease

free

**Preservatives:** 0.01% (w/v) Thimerosal

**Application Recommendation** 

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

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



Your Secondary Antibody Portal Powered by BIOZOL

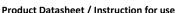


Management System ISO 9001:2015



www.tuv.com ID 9000019771







SEC-182514 2023-02-23 2 / 2

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:**

Secondary antibody reagents are ideal for ELISA, western blotting, Immunohistochemistry, Fluorescence Microscopy, Flow Cytometry as well as other antibody detection methods.

## **Background Information**

Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. Immunoglobulin G binds to viruses, bacteria, as well as fungi and facilitates their destruction or neutralization via agglutination (and thereby immobilizing them), activation of the compliment cascade, and opsinization for phagocytosis. 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. Anti-Dog IgG F(ab')2 antibody is ideal for investigators in Immunology, Cancer, and Microbiology research.

#### **Safety Information**

This reagent contains Thimerosal (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.





