

Product Datasheet / Instruction for use



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

#### **General Information**

Catalog Number: SEC-182621 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: Sheep | Immunogen: Sheep IgG F(ab')2 fragment

**Antibody Specificity:** IgG (F(ab')2

Fragment)

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, Sheep IgG, Sheep IgG F(ab')2 and Sheep Serum. No reaction was noted against Sheep IgG F(c).

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

Preservatives: 0.01% (w/v) Sodium Azide

**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

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Your Secondary Antibody Portal Powered by BIOZOL

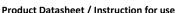


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Application: FLISA, Flow Cytometry, Immunofluorescence

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

# **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-Sheep IgG F(ab')2 Fluorescein Antibody generated in rabbit recognizes the dimeric Fab portion of the sheep IgG molecule. Sheep IgG F(ab')2 is a proteolytic fragment of immunoglobulin G (IgG) obtained by limited digestion with the enzyme pepsin under controlled conditions of temperature, time and pH. F(ab')2 molecules lack the Fc portion of IgG and therefore receptors that bind sheep IgG F(c) will not bind sheep IgG F(ab')2 molecules. 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 hostspecies source and fragment composition. This Anti-Sheep IgG F(ab')2 Antibody is conjugated to Fluorescein.

# **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.







