

Datasheet for ABIN965370

## Goat anti-Rabbit IgG (Heavy & Light Chain) Antibody (FITC) - Preadsorbed



[Go to Product page](#)

### 1 Image

#### Overview

Quantity:	1 mg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Rabbit
Host:	Goat
Clonality:	Polyclonal
Conjugate:	FITC
Application:	FLISA, Fluorescence Microscopy (FM)

#### Product Details

Immunogen:	Immunogen: Rabbit IgG whole molecule
Isotype:	IgG
Fragment:	Fab fragment
Specificity:	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein and anti-Goat Serum.
Characteristics:	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.
Purification:	Preadsorption: Solid phase absorption
Sterility:	Sterile filtered

## Product Details

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Labeling Ratio: 2.9

## Target Details

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Target: IgG

Abstract: [IgG Products](#)

Target Type: Antibody

Background: Synonyms: Goat Fab Anti-Rabbit IgG Antibody Fluorescein Conjugation, Goat Fab Anti-Rabbit IgG FITC Conjugated Antibody

Background: Fab Anti-Rabbit IgG (H&L) Antibody generated in goat detects rabbit IgG. Representing approximately 75 % of serum immunoglobulins, IgG is the most abundant antibody isotype found in the circulation. IgG molecules are synthesized and secreted by plasma B 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. Fab Antibody is ideal for investigators who routinely perform flow cytometry, immunofluorescence, IHC, and other immunoassays. This Fab Anti-Rabbit IgG Antibody is conjugated to fluorescein.

## Application Details

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Application Notes: 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 requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity.

FLISA Dilution: 1:10,000 - 1:50,000

IF Microscopy Dilution: 1:1,000 - 1:5,000

Comment: Excitation/Emission wavelength: 494 nm/514 nm

Restrictions: For Research Use only

## Handling

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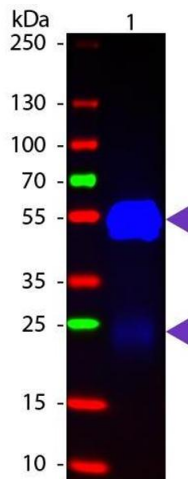
Format: Lyophilized

Reconstitution: Reconstitution Volume: 1.0 mL

## Handling

	Reconstitution Buffer: Restore with deionized water (or equivalent)
Concentration:	1.0 mg/mL
Buffer:	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 Preservative: 0.01 % (w/v) Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Product is photosensitive and should be protected from light. Avoid cycles of freezing and thawing. Dilute only prior to immediate use.
Storage:	RT, 4 °C, -20 °C
Storage Comment:	Store vial at -20 °C prior to opening. Aliquot contents and freeze at -20 °C or below for extended storage. This product is stable for several weeks at 0 °C as an undiluted liquid.
Expiry Date:	12 months

## Images



### Western Blotting

**Image 1.** Western blot of Fluorescein conjugated Goat Fab Anti-Rabbit IgG secondary antibody. Lane 1: Rabbit IgG. Lane 2: None. Load: 50 ng per lane. Primary antibody: None. Secondary antibody: Fluorescein goat secondary antibody at 1:1,000 for 60 min at RT. Blocking: ABIN925618 for 30 min at RT. Predicted/Observed size: 25 & 55 kDa, 25 & 55 kDa for Rabbit IgG. Other band(s): None.