



Datasheet for ABIN965358

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



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### Overview

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

### Product Details

Immunogen:	Immunogen: Mouse 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: 3.74

## Target Details

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Target: IgG

Abstract: [IgG Products](#)

Target Type: Antibody

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

Background: Fab Anti-Mouse IgG (H&L) Fluorescein Antibody generated in goat detects Mouse IgG. This product possesses the F(ab) region possessing the epitope-recognition site, both heavy and light chains of the antibody molecule are present. 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.

## Application Details

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Application Notes: Application Note: Suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.

IF Microscopy Dilution: 1:500 - 1:2,500

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

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

## Handling

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

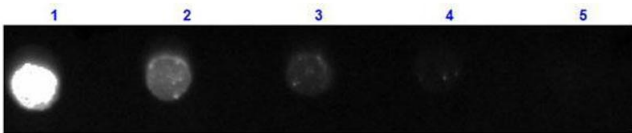
Storage Comment: Store vial at 4 °C prior to restoration. For extended storage aliquot contents and freeze at -24 °C or below. This product is stable for several weeks at 4 °C as an undiluted liquid.

Expiry Date: 12 months

## Publications

Product cited in: Schomacker, Hebner, Boonyaratanakornkit, Surman, Amaro-Carambot, Collins, Schmidt: "The C proteins of human parainfluenza virus type 1 block IFN signaling by binding and retaining Stat1 in perinuclear aggregates at the late endosome." in: **PLoS ONE**, Vol. 7, Issue 2, pp. e28382, (2012) ([PubMed](#)).

## Images



### Dot Blot

**Image 1.** Dot Blot results of Goat Fab Anti-Mouse IgG Antibody Fluorescein Conjugated. Dots are Mouse IgG at (1) 100ng, (2) 33.3ng, (3) 11.1ng, (4) 3.70ng, (5) 1.23ng. Blocking: ABIN925618 for 30 min at RT. Primary Antibody: Goat Anti-Mouse IgG FITC at 1µg/mL for 1hr at RT. Secondary Antibody: none. Imaged with BioRad ChemiDoc, FITC filter.