

Datasheet for ABIN1044077

**Goat anti-Armenian Hamster IgG (Heavy & Light Chain)
Antibody (FITC) - Preadsorbed**[Go to Product page](#)**1** Image

Overview

Quantity:	500 µg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Golden Syrian Hamster, Armenian Hamster
Host:	Goat
Clonality:	Polyclonal
Conjugate:	FITC
Application:	FLISA, Fluorescence Microscopy (FM)

Product Details

Immunogen:	Immunogen: Golden Syrian and Armenian Hamster IgG whole molecules
Isotype:	IgG
Fragment:	F(ab') ₂ fragment
Specificity:	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein, anti-Goat Serum, Golden Syrian and Armenian Hamster IgG and Golden Syrian and Armenian Hamster 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

Product Details

Labeling Ratio: 3.9

Target Details

Target: IgG

Abstract: [IgG Products](#)

Target Type: Antibody

Background: Synonyms: Goat F(ab')₂ Anti-Hamster IgG Antibody Fluorescein Conjugation, Goat F(ab')₂ Anti-Hamster IgG FITC Conjugated Antibody, Goat F(ab')₂ Anti-Golden Syrian & Armenian Hamster IgG Antibody Fluorescein Conjugation, Goat F(ab')₂ Anti-Golden Syrian & Armenian Hamster IgG FITC Conjugated Antibody

Background: F(ab')₂ Anti-Golden Syrian & Armenian Hamster IgG Fluorescein Antibody was generated by enzymatic cleavage and subsequent separation from the Fc fragment. Because of their smaller size, F(ab')₂ fragments offer several advantages over intact antibodies for use in certain immunochemical techniques and experimental applications. F(ab')₂ fragments penetrate tissue samples and show better antigen recognition and signal generation in IHC. F(ab')₂ fragments lack the Fc region and therefore do not bind Fc receptors which effectively lowers background staining. F(ab')₂ Antibody is ideal for investigators who routinely perform flow cytometry, immunohistochemistry or IHC and other immunoassays.

Application Details

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.

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

IF Microscopy Dilution: 1:500-1:2500

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

Restrictions: For Research Use only

Handling

Format: Lyophilized

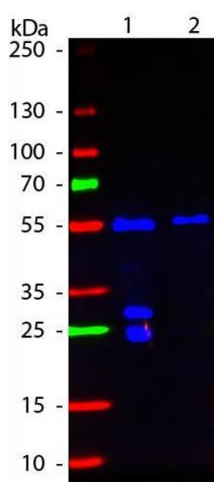
Reconstitution: Reconstitution Volume: 500 µL

Reconstitution Buffer: Restore with deionized water (or equivalent)

Handling

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.
Storage:	RT, 4 °C, -20 °C
Storage Comment:	Store vial at 4 °C prior to opening. This product is stable at 4 °C as an undiluted liquid. For extended storage, mix with an equal volume of glycerol, aliquot contents and freeze at -24 °C or below.
Expiry Date:	12 months

Images



Western Blotting

Image 1. Western blot of Fluorescein conjugated Goat F(ab')₂ Anti-Hamster IgG Pre-Adsorbed secondary antibody. Lane 1: Golden Syrian Hamster IgG. Lane 2: Armenian Hamster IgG. 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 Hamster IgG. Other band(s): None.