

Datasheet for ABIN965126

**Goat anti-Human IgG (Heavy & Light Chain) Antibody (Texas Red (TR)) - Preadsorbed**[Go to Product page](#)**1** Image

## Overview

Quantity:	1 mg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	Texas Red (TR)
Application:	Flow Cytometry (FACS), FLISA, Fluorescence Microscopy (FM)

## Product Details

Immunogen:	Immunogen: Human IgG whole molecule
Isotype:	IgG
Fragment:	F(ab') <sub>2</sub> fragment
Specificity:	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Human IgG and Human 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

---

Labeling Ratio: 2.5

## Target Details

---

Target: IgG

Abstract: [IgG Products](#)

Target Type: Antibody

Background: Synonyms: Goat F(ab')<sub>2</sub> Anti-Human IgG Texas Red™ Conjugated Antibody Pre-Adsorbed, Goat F(ab')<sub>2</sub> Anti-Human IgG Antibody Texas Red™ Conjugation

Background: F(ab')<sub>2</sub> Anti-Human IgG (H&L) Texas Red Antibody generated in goat detects immunoglobulin g from human, both heavy and light chains of the antibody molecule are present. Each IgG has two antigen binding sites. Representing approximately 75 % of serum immunoglobulins in humans, 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. F(ab')<sub>2</sub> Antibody is ideal for investigators who routinely perform flow cytometry, immunohistochemistry or IHC and other immunoassays.

## Application Details

---

Application Notes: Application Note: F(ab')<sub>2</sub> Anti-Human IgG (H&L) Texas Red Antibody 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

Flow Cytometry Dilution: 1:500 - 1:2,500

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

Comment: Texas Red™ is a registered trademark of Molecular Probes Inc.

Restrictions: For Research Use only

## Handling

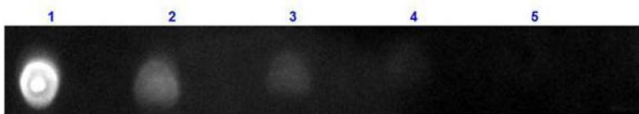
---

Format: Lyophilized

## Handling

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 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.
Storage:	RT, 4 °C, -20 °C
Storage Comment:	Store vial at -20 °C prior to opening. This product is stable for several weeks at 0 °C as an undiluted liquid. For extended storage aliquot contents and freeze at -20 °C or below.
Expiry Date:	12 months

## Images



### Dot Blot

**Image 1.** Dot Blot results of Goat F(ab')<sub>2</sub> Anti-Human IgG Antibody Texas Conjugated. Dots are Human IgG at (1) 100ng, (2) 33.3ng, (3) 11.1ng, (4) 3.70ng, (5) 1.23ng. Blocking: ABIN925618 for 60 min at RT. Primary Antibody: Goat F(ab')<sub>2</sub> Anti-Human IgG Antibody Texas at 1µg/mL for 1hr at RT. Secondary Antibody: none. Imaged with BioRad ChemiDoc, DL549 filter.