

Datasheet for ABIN965389

## Rabbit anti-Rat IgG (Heavy & Light Chain) Antibody (Texas Red (TR)) - Preadsorbed



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### Overview

Quantity:	500 µL
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Texas Red (TR)
Application:	Flow Cytometry (FACS), FLISA, Fluorescence Microscopy (FM)

### Product Details

Immunogen:	Immunogen: Rat IgG whole molecule
Isotype:	IgG
Fragment:	Fab fragment
Specificity:	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit 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
Labeling Ratio:	2.6

## Target Details

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Target:	IgG
Abstract:	<a href="#">IgG Products</a>
Target Type:	Antibody
Background:	<p>Synonyms: Rabbit Fab Anti-Rat IgG Texas Red™ Conjugated Antibody, Rabbit Fab Fragment Anti-Rat IgG Antibody Texas Red™ Conjugation</p> <p>Background: Fab Anti-Rat IgG (H&amp;L) Antibody generated in rabbit detects rat 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-Rat IgG Antibody is conjugated to Texas Red™.</p>

## Application Details

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Application Notes:	<p>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.</p> <p>FLISA Dilution: 1:10,000 - 1:50,000</p> <p>Flow Cytometry Dilution: 1:500 - 1:2,500</p> <p>IF Microscopy Dilution: 1:1,000 - 1:5,000</p>
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Comment:	Texas Red™ is a registered trademark of Molecular Probes Inc.
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Restrictions:	For Research Use only
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## Handling

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Format:	Lyophilized
Reconstitution:	Reconstitution Volume: 500 µL Reconstitution Buffer: Restore with deionized water (or equivalent)
Concentration:	1.0 mg/mL

## Handling

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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:	Avoid cycles of freezing and thawing. Dilute only prior to immediate use. 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. 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