Datasheet for ABIN1044049

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

1 Image

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Overview

Quantity:	500 µL
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Rabbit
Host:	Goat
Clonality:	Polyclonal
Conjugate:	TRITC
Application:	Fluorescence Microscopy (FM)

Product Details

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

Target Details

Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody
Background:	Synonyms: Goat F(ab')2 Anti-Rabbit IgG Rhodamine Conjugated Antibody, Goat Fab2 Anti-Rabbit IgG Antibody TRITC Conjugation Background: F(ab')2 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. F(ab')2 Antibody is ideal for investigators who routinely perform flow cytometry, immunofluorescence, IHC, and other immunoassays. This F(ab')2 Anti-Rabbit IgG Antibody is conjugated to rhodamine.

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 requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity. IF Microscopy Dilution: 1:500-1:2,500
Restrictions:	For Research Use only

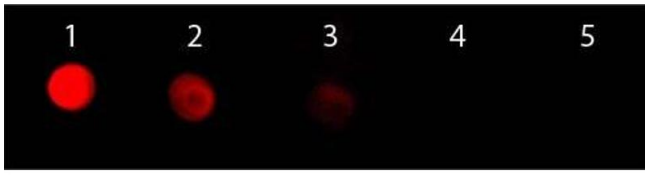
Handling

Format:	Lyophilized
Reconstitution:	Reconstitution Volume: 500 µL 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

Handling

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. Product is photosensitive and should be protected from light. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below.
Storage:	RT,4 °C,-20 °C
Storage Comment:	Store vial at -20 °C or below prior to opening. Store the vial at -20 °C or below after dilution.
Expiry Date:	12 months

Images



Dot Blot

Image 1. Dot Blot of F(ab')2 Goat anti-Rabbit IgG Antibody Rhodamine Conjugated. Antigen: Rabbit IgG. Load: Lane 1 - 100 ng Lane 2 - 33.3 ng Lane 3 - 11.1 ng Lane 4 - 3.70 ng Lane 5 - 1.23 ng. Primary antibody: n/a. Secondary antibody: F(ab')2 Goat anti-Rabbit IgG Antibody Rhodamine Conjugated at 1:1,000 for 60 min at RT. Block: ABIN925618 for 60 min at RT.