

Datasheet for ABIN1044070

**Rabbit anti-Sheep IgG (Heavy & Light Chain) Antibody (TRITC)
- Preadsorbed**[Go to Product page](#)**1** Image

Overview

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

Product Details

Immunogen:	Immunogen: Sheep IgG whole molecule
Isotype:	IgG
Fragment:	F(ab') ₂ fragment
Specificity:	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum, Sheep IgG and Sheep 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:	2.3

Target Details

Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody
Background:	<p>Synonyms: Rabbit F(ab')₂ Anti-Sheep IgG Antibody Rhodamine Conjugation, Rabbit F(ab')₂ Anti-Sheep IgG Rhodamine Conjugated Antibody</p> <p>Background: F(ab')₂ Anti-Sheep IgG (H&L) Antibody generated in rabbit detects sheep 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-Sheep IgG Antibody is conjugated to rhodamine.</p>

Application Details

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>IF Microscopy Dilution: 1:500-1:2,500</p>
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Restrictions:	For Research Use only
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Handling

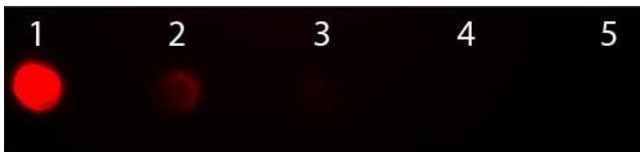
Format:	Lyophilized
Reconstitution:	Reconstitution Volume: 500 µL Reconstitution Buffer: Restore with deionized water (or equivalent)
Concentration:	1.0 mg/mL
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Handling Advice:	Product is photosensitive and should be protected from light.
Storage:	RT, 4 °C, -20 °C

Handling

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

Expiry Date: 12 months

Images



Dot Blot

Image 1. Dot Blot of Fab2 Rabbit anti-Sheep IgG Antibody Rhodamine Conjugated. Antigen: Sheep 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: Fab2 Rabbit anti-Sheep IgG Antibody Rhodamine Conjugated for 60 min at RT. Block: ABIN925618 for 60 min at RT.