

Datasheet for ABIN101923

**Mouse anti-Rabbit IgG (Heavy & Light Chain) Antibody (TRITC)
- Preadsorbed**[Go to Product page](#)**2** Images

Overview

Quantity:	1 mg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Rabbit
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	TRITC
Application:	Flow Cytometry (FACS), FLISA, Fluorescence Microscopy (FM)

Product Details

Immunogen:	Immunogen: Rabbit IgG whole molecule
Isotype:	IgG
Specificity:	IgG (H&L)
Characteristics:	Concentration Definition: by UV absorbance at 280 nm
Purification:	Preadsorption: Solid phase absorption
Labeling Ratio:	2.9

Target Details

Target:	IgG
Abstract:	IgG Products

Target Details

Target Type:	Antibody
Background:	<p>Synonyms: Mouse Anti-Rabbit IgG Rhodamine Conjugated Antibody, Mouse Anti Rabbit IgG Antibody Rhodamine Conjugation</p> <p>Background: 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.</p>

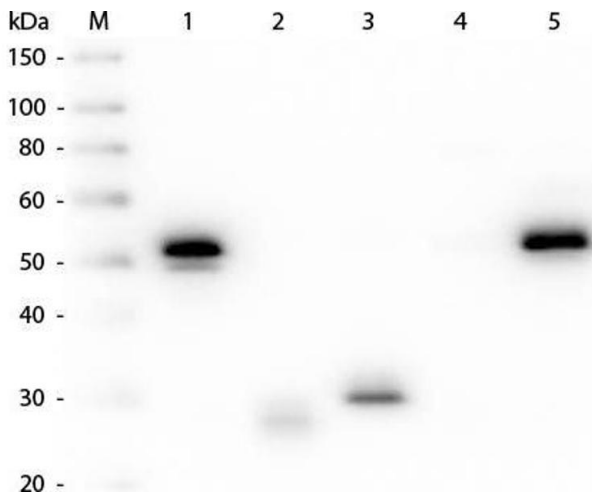
Application Details

Application Notes:	<p>Application Note: Mouse Anti-Rabbit IgG Rhodamine conjugate 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.</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>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	<p>Reconstitution Volume: 1.0 mL</p> <p>Reconstitution Buffer: Restore with deionized water (or equivalent)</p>
Concentration:	1.0 mg/mL
Buffer:	<p>Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2</p> <p>Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free</p> <p>Preservative: 0.01 % (w/v) Sodium Azide</p>
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

Images



Western Blotting

Image 1. Western Blot of Anti-Rabbit IgG (H&L) (MOUSE) Antibody (Min X Hu, Gt, Ms Serum Proteins) . Lane M: 3 μ l Molecular Ladder. Lane 1: Rabbit IgG whole molecule . Lane 2: Rabbit IgG F(ab) Fragment . Lane 3: Rabbit IgG F(c) Fragment . Lane 4: Rabbit IgM Whole Molecule . Lane 5: Normal Rabbit Serum . All samples were reduced. Load: 50 ng per lane. Block: ABIN925618 for 30 min at RT. Primary Antibody: Anti-Rabbit IgG (H&L) (MOUSE) Antibody (Min X Hu, Gt, Ms Serum Proteins) 1:1,000 for 60 min at RT. Secondary antibody: Anti-Mouse IgG (RABBIT) Peroxidase Conjugated Antibody 1:40,000 in ABIN925618 for 30 min at RT. Predicted/Observed Size: 25 and 50 kDa for Rabbit IgG and Serum, 25 kDa for F(c) and F(ab), 70 and 23 kDa for IgM. Rabbit F(c) migrates slightly higher.

Dot Blot

Image 2. Dot Blot results of Mouse Anti-Rabbit IgG Antibody Rhodamine Conjugated. Dots are Rabbit 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: none. Secondary Antibody: Mouse Anti-Rabbit IgG TRITC at 1 μ g/mL for 1hr at RT. Imaged with BioRad ChemiDoc, Rhodamine filter.

