

Datasheet for ABIN1043966

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

Overview

Quantity:	1 mg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	TRITC
Application:	Fluorescence Microscopy (FM)

Product Details

Immunogen:	Immunogen: Human IgG whole molecule
Isotype:	IgG
Specificity:	Human IgG (H&L) Antibody Rhodamine Conjugated Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Mouse Serum, Human IgG and Human Serum.
Cross-Reactivity:	Human
Characteristics:	The antibody was prepared from monospecific polyclonal ascites by immunoaffinity chromatography using Human IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities.
Purification:	Preadsorption: Solid phase absorption
Labeling Ratio:	2.1

Target Details

Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody
Background:	<p>Synonyms: mouse anti-Human IgG rhodamine conjugated Antibody, mouse anti-Human IgG Antibody TRITC conjugation</p> <p>Background: Anti-Human IgG (H&L) Rhodamine generated in mouse detects human Immunoglobulin G (IgG), both heavy and light chains of the antibody molecule are present. It is a protein complex composed of four peptide chains - two identical heavy chains and two identical light chains arranged in a Y-shape typical of antibody monomers. 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.</p>

Application Details

Application Notes:	<p>Application Note: Mouse Anti-Human IgG Rhodamine conjugated 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>IF Microscopy Dilution: 1:500-1:2,500</p>
Restrictions:	For Research Use only

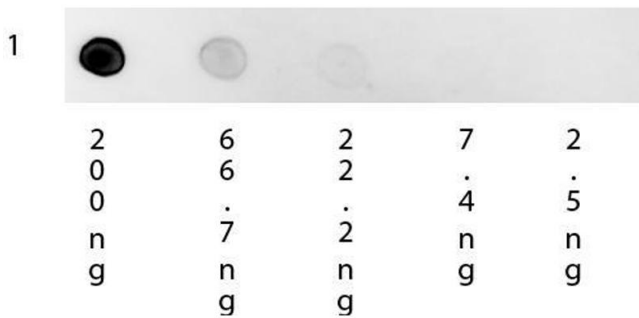
Handling

Format:	Lyophilized
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

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. Centrifuge product if not completely clear after standing at room temperature.
Storage:	RT,4 °C,-20 °C
Storage Comment:	Store vial at 4 °C prior to restoration. For extended storage aliquot contents and freeze at -24 °C or below. This product is stable for several weeks at 4 °C as an undiluted liquid.
Expiry Date:	12 months

Images



Dot Blot

Image 1. Dot Blot of Mouse Anti-Human IgG Rhodamine Conjugated Secondary Antibody. Antigen: Human IgG. Load: 3-fold serial dilution starting at 200 ng. Primary antibody: None. Secondary antibody: Rhodamine mouse secondary antibody at 1:1000 for 1H at RT. Block: ABIN925618 for 1 H at RT.