



[Go to Product page](#)

Datasheet for ABIN5608161

Goat anti-Monkey IgA, IgG, IgM (Heavy & Light Chain) Antibody (TRITC) - Preadsorbed

Overview

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

Product Details

Immunogen:	Immunogen: Monkey IgG, IgA, IgM whole molecules
Isotype:	IgG
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:	3.0

Target Details

Target:	IgA, IgG, IgM
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Target Details

Alternative Name: IgG IgA IgM ([IgA](#), [IgG](#), [IgM Products](#))

Target Type: Antibody

Background: Synonyms: Goat Anti-Monkey IgG IgA IgM rhodamine Conjugated Antibody, Goat Anti-Monkey IgG IgA IgM Antibody rhodamine Conjugation, Goat Anti Monkey IgGAM TRITC Conjugated Antibody

Background: Anti-Monkey IgG IgA IgM (H&L) Antibody generated in goat detects monkey (heavy and light chain) immunoglobulin G, A, and M. Immunoglobulin G binds to antigens and can neutralize or opsonize targets, and are predominantly involved in the secondary immune response. Immunoglobulin A (IgA) is an antibody that plays a critical role in mucosal immunity. IgA has two subclasses (IgA1 and IgA2) and can exist in a dimeric form called secretory IgA (sIgA). Immunoglobulin M, or IgM, is a pentamer composed of 5 immunoglobulin molecules linked through their F(c) domain by the J chain. 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. This Anti-Monkey IgG IgA IgM 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.

FLISA Dilution: 1:10,000 - 1:50,000

Flow Cytometry Dilution: 1:500 - 1:2,500

IF Microscopy Dilution: 1:1,000 - 1:5,000

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

Handling

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.

Storage: RT,4 °C,-20 °C

Storage Comment: Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiry Date: 12 months