

Datasheet for ABIN965210

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

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1 Image

Overview

Quantity:	500 µg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Rabbit
Host:	Goat
Clonality:	Polyclonal
Conjugate:	PE
Application:	Flow Cytometry (FACS), 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-Phycoerythrin, anti-Goat Serum, Rabbit IgG and Rabbit Serum.
Purification:	Preadsorption: immunoaffinity chromatography using Rabbit IgG coupled to agarose beads

Target Details

Target:	IgG
Abstract:	IgG Products

Target Details

Target Type:	Antibody
Background:	<p>Synonyms: Goat F(ab')₂ Anti-Rabbit IgG Phycoerythrin Conjugated Antibody, Goat Fab2 Anti-Rabbit IgG Antibody PE Conjugation</p> <p>Background: F(ab')₂ Anti-Rabbit IgG (H&L) Antibody generated in goat detects immunoglobulin g from Rabbit, both heavy and light chains of the antibody molecule are present. Each IgG has two antigen binding sites. 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, immunohistochemistry or IHC and other immunoassays. This F(ab')₂ Anti-Rabbit IgG Antibody is conjugated to Phycoerythrin.</p>

Application Details

Application Notes:	<p>Application Note: F(ab')₂ Anti-Rabbit IgG Phycoerythrin Conjugated Secondary Antibody reagents are ideal for ELISA, western blotting, Immunohistochemistry, as well as other antibody detection methods.</p> <p>Flow Cytometry Dilution: 1:100 - 1:250</p> <p>IF Microscopy Dilution: 1:100 - 1:250</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:	0.5 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

Handling

should be handled by trained staff only.

Handling Advice:

Product is photosensitive and should be protected from light.

Avoid cycles of freezing and thawing.

Dilute only prior to immediate use

This vial contains a relatively low volume of reagent (25 μ L). To minimize loss of volume dilute 1:10 by adding 225 μ L 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. Store the vial at -20 °C or below after dilution.

Storage:

RT, 4 °C

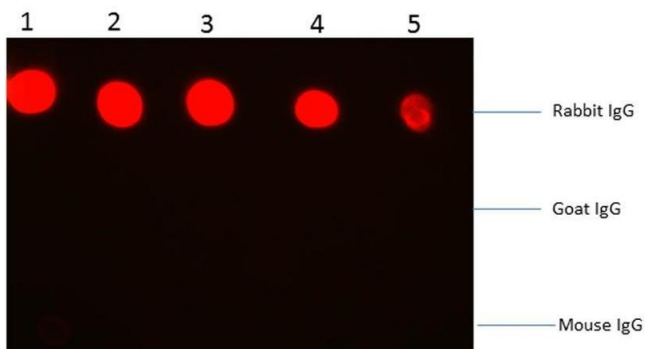
Storage Comment:

Store vial at -20 °C or below prior to opening.

Expiry Date:

12 months

Images



Dot Blot

Image 1. Dot Blot of Fab2 Goat anti-Rabbit IgG Antibody Phycoerythrin Conjugated. Antigen: Row 1: Rabbit IgG Row 2: Goat IgG Row 3: Mouse IgG Load: Lane 1 - 200ng Lane 2 - 66.7ng Lane 3 - 22.2ng Lane 4 - 7.4ng Lane 5 - 2.5ng Primary antibody: N/A Secondary antibody: Fab2 Goat anti-Rabbit IgG Antibody Phycoerythrin Conjugated at 1:1,000 for 60 min at RT. Block: ABIN925618 for 1 hour at RT