

Datasheet for ABIN129765

**Goat anti-Rabbit IgG (Heavy & Light Chain) Antibody (PE) -  
Preadsorbed**[Go to Product page](#)**2** Images**1** Publication

## Overview

Quantity:	1 mg
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: Anti-Rabbit IgG was produced by repeated immunization with rabbit IgG whole molecule in goat. Immunogen Type: Native Protein
Isotype:	IgG
Specificity:	IgG (H&L)
Cross-Reactivity:	Rabbit
Characteristics:	Anti-Rabbit IgG (H&L) phycoerythrin conjugated antibody generated in goat detects specifically rabbit IgG. This secondary phycoerythrin conjugated antibody anti-Rabbit is ideal for investigators who routinely perform titration assays, microscopy and FACS analysis. Concentration Definition: by absorbance = 82.0 at 565 nm
Purification:	Preadsorption: Solid phase absorption

## Target Details

Target:	IgG
Abstract:	<a href="#">IgG Products</a>
Target Type:	Antibody
Background:	<p>Synonyms: goat anti-Rabbit IgG Antibody, Gt-a-Rabbit Phycoerythrin conjugated, Rabbit IgG (H&amp;L) Antibody in goat, Goat IgG (H&amp;L) Phycoerythrin conjugated Secondary Antibody.</p> <p>Background: Anti-Rabbit IgG (H&amp;L) phycoerythrin conjugated antibody generated in goat detects specifically rabbit IgG. This secondary phycoerythrin conjugated antibody anti-Rabbit is ideal for investigators who routinely perform titration assays, microscopy and FACS analysis.</p>

## Application Details

Application Notes:	<p>Application Note: Anti-Rabbit IgG (H&amp;L) Phycoerythrin Antibody is suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity. The maximum amount of reagent required to stain 1 x 10E6 cells in flow cytometry is approximately 1.0 µg of antibody conjugate. Lesser amounts of reagent may be sufficient for staining. Optimal titers for other applications should be determined by the researcher. As a general guideline dilutions of 1:100 to 1:250 should be suitable for most applications.</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

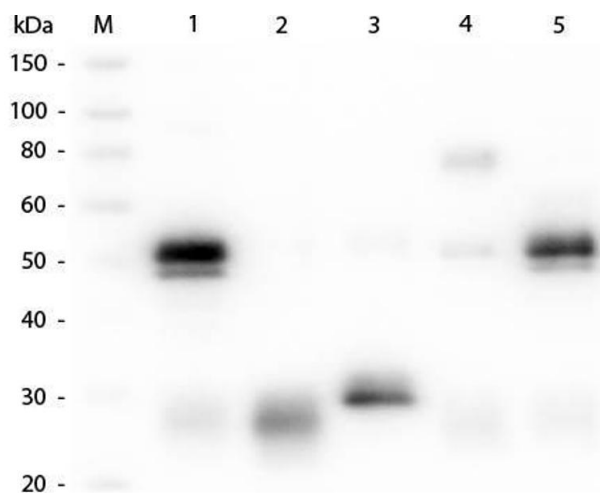
Handling

	should be handled by trained staff only.
Handling Advice:	Product is photosensitive and should be protected from light.
Storage:	RT,4 °C
Expiry Date:	12 months

Publications

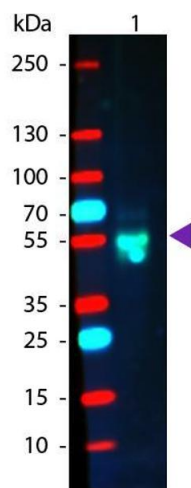
Product cited in:	Yasunaga, Ohtsubo, Ohno, Saeki, Kurogi, Tanaka-Okamoto, Ishizaki, Shirai, Mihara, Brock, Miyoshi, Takihara: "Scmh1 has E3 ubiquitin ligase activity for geminin and histone H2A and regulates geminin stability directly or indirectly via transcriptional repression of Hoxa9 and Hoxb4." in: <b>Molecular and cellular biology</b> , Vol. 33, Issue 4, pp. 644-60, (2013) ( <a href="#">PubMed</a> ).
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Images



**Western Blotting**

**Image 1.** Western Blot of Anti-Rabbit IgG (H&L) (GOAT) Antibody (Min X Bv, Ch, Gt, GP, Ham, Hs, Hu, Ms, Rt & Sh Serum Proteins) . Lane M: 3 µl 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) (GOAT) Antibody (Min X Bv, Ch, Gt, GP, Ham, Hs, Hu, Ms, Rt & Sh Serum Proteins) 1:1,000 for 60 min at RT. Secondary antibody: Anti-Goat IgG (DONKEY) Peroxidase Conjugated Antibody 1:40,000 in ABIN925618 for 30 min at RT. Predicted/Obsevered 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.



### Western Blotting

**Image 2.** Western Blot of Goat anti-Rabbit IgG Pre-Absorbed Phycoerythrin Conjugated Antibody. Lane 1: Rabbit IgG. Lane 2: None. Load: 50 ng per lane. Primary antibody: None. Secondary antibody: Phycoerythrin goat secondary antibody at 1:1,000 for 60 min at RT. Block: ABIN925618 for 30 min at RT. Predicted/Observed size: 28 & 55 kDa, 55 kDa for Rabbit IgG. Other band(s): None.