

Datasheet for ABIN2145659

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

## Overview

Quantity:	500 µg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Rabbit
Host:	Goat
Conjugate:	PE
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB), Flow Cytometry (FACS)

## Product Details

Isotype:	IgG
Characteristics:	High purity Rabbit IgG(H+L) is prepared from serum of healthy rabbit. Affinity purified Goat anti-Rabbit IgG(H+L) isolated from pooled antiserum from goats hyperimmunized with purified Rabbit IgG(H+L).

## Target Details

Target:	IgG
Abstract:	<a href="#">IgG Products</a>
Target Type:	Antibody

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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## Application Details

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Assay Procedure:	<ul style="list-style-type: none"><li>• Take 100 µL peripheral blood anticoagulated by EDTA and add to the bottom of 5 mL tube,</li><li>• Add appropriate amount of antibody to the bottom of flow tube mixing with the whole blood, incubate for 30 minutes at room temperature,</li><li>• Add 2 mL 1×RBC lysis buffer, incubate for 10 minutes after mixing, dissolve red blood cells (recommended: RBC lysing Solution 10×, Cat.: FXP001),</li><li>• Sample tube is set to 1000 rpm centrifugation for 5 minutes, discard the supernatant,</li><li>• Add 2 mL PBS wash buffer to resuspend the cells, then 1000 rpm centrifugation for 5 minutes, discard the supernatant,</li><li>• Add appropriate amount of fluorescent-labeled Goat anti Mouse IgG and incubate for 20 minutes away from light at room temperature.</li><li>• Repeat step 5.</li><li>• Add 0.5 mL PBS wash buffer to resuspend the cells and detect by flow cytometry (sample should be determined on the day on the machine and can also be added fixation overnight at 4 °C then measured).</li><li>• [PBS wash buffer: PBS +1 % FBS +0.1 % NaN<sub>3</sub>, Cat.: FXP005]</li><li>• [Cell fixation: 2 % formaldehyde solution]</li></ul>
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Restrictions:	For Research Use only
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## Handling

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Format:	Liquid
Buffer:	aqueous buffer
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:	4 °C

## Publications

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Product cited in:	Sattler, El-Battrawy, Cyganek, Lang, Lan, Li, Zhao, Utikal, Wieland, Borggrefe, Zhou, Akin: "TRPV1 activation and internalization is part of the LPS-induced inflammation in human iPSC-derived cardiomyocytes." in: <b>Scientific reports</b> , Vol. 11, Issue 1, pp. 14689, (2021) ( <a href="#">PubMed</a> ).
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