

Datasheet for ABIN7505871  
**anti-SIRPG antibody (PE)**

## 2 Images

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## Overview

Quantity:	100 tests
Target:	SIRPG
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SIRPG antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

## Product Details

Purpose:	Anti-Hu CD172g PE
Immunogen:	recombinant human CD172g
Clone:	OX-119
Isotype:	IgG1
Specificity:	The mouse monoclonal antibody OX-119 recognizes an extracellular epitope on CD172g, an approximately 55 kDa transmembrane glycoprotein expressed on most T cells, as well as on NK cells and some B cell populations.
Purification:	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.

## Target Details

Target:	SIRPG
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## Target Details

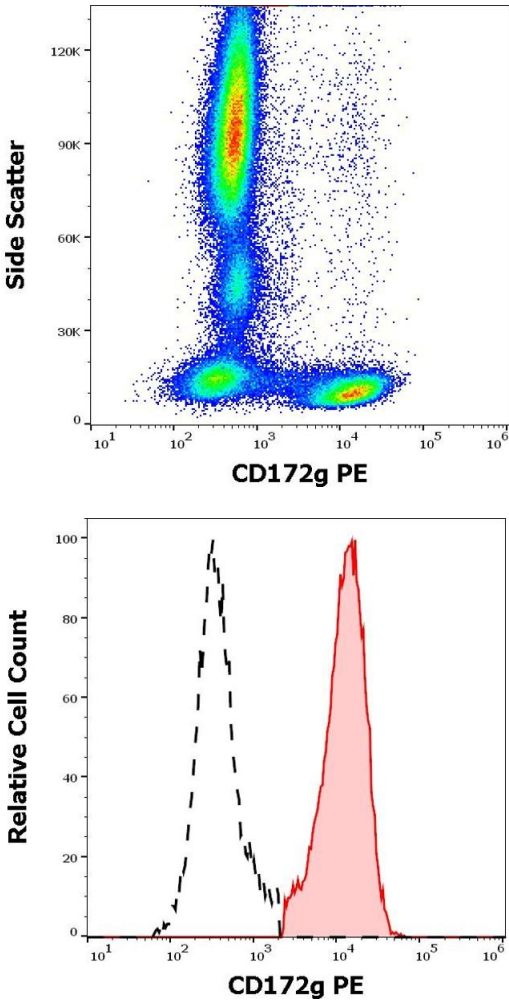
Alternative Name:	CD172g ( <a href="#">SIRPG Products</a> )
Background:	<p>Signal regulatory protein gamma,CD172g is a transmembrane glycoprotein, which may play a role in inter-T cellular signaling by binding CD47, and thus in influencing T cell behaviour.</p> <p>CD172g is expressed on mature thymocytes, CD4+ T cells, CD8+ T cells, NK cells, and some B cells. It is absent on myeloid cells. Engagement of CD172g by CD47 expressed on antigen presenting cells results in enhanced antigen-specific T cell proliferation and costimulates T cell activation.,SIRP gamma, SIRP-B2</p>
Gene ID:	55423
UniProt:	<a href="#">Q9P1W8</a>

## Application Details

Application Notes:	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µL reagent / 100 µL of whole blood or 10 <sup>6</sup> cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.
Restrictions:	For Research Use only

## Handling

Buffer:	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM 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:	4 °C
Storage Comment:	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.



### Flow Cytometry

**Image 1.** Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD172g (OX-119) PE antibody (10  $\mu$ L reagent / 100  $\mu$ L of peripheral whole blood).

### Flow Cytometry

**Image 2.** Separation of human CD172g positive lymphocytes (red-filled) from CD172g negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD172g (OX-119) PE antibody (10  $\mu$ L reagent / 100  $\mu$ L of peripheral whole blood).