



[Go to Product page](#)

Datasheet for ABIN7505870

anti-SIRPG antibody

2 Images

Overview

Quantity:	0.1 mg
Target:	SIRPG
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SIRPG antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunoprecipitation (IP)

Product Details

Purpose:	Anti-Hu CD172g Purified
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 by protein-A affinity chromatography.

Target Details

Target:	SIRPG
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Target Details

Alternative Name: [CD172g \(SIRPG Products\)](#)

Background: 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. 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

Gene ID: 55423

UniProt: [Q9P1W8](#)

Application Details

Application Notes: Flow cytometry: Recommended dilution: 1-4 µg/mL

Restrictions: For Research Use only

Handling

Concentration: 1 mg/mL

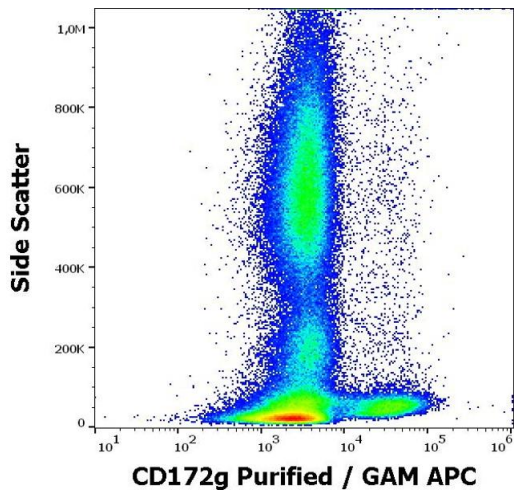
Buffer: Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

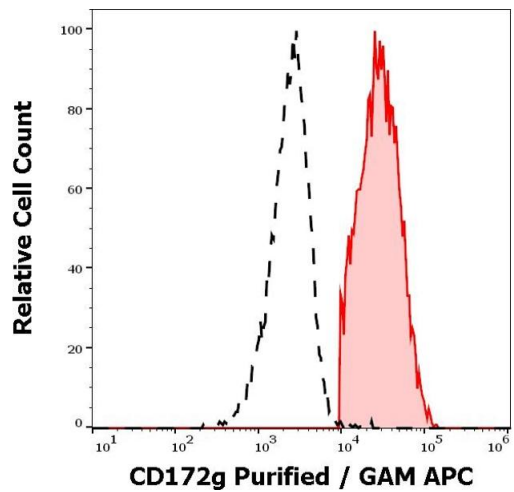
Storage: 4 °C

Storage Comment: Store at 2-8°C. Do not freeze.



Flow Cytometry

Image 1. Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD172g (OX-119) purified antibody (concentration in sample 1,7 µg/mL, GAM APC).



Flow Cytometry

Image 2. Separation of CD172g positive lymphocytes stained anti-human CD172g (OX-119) purified antibody (concentration in sample 1,7 µg/mL, GAM APC, red-filled) from lymphocytes unstained by primary antibody (GAM APC, black-dashed) in flow cytometry analysis (surface staining).