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Datasheet for ABIN7506078  
**anti-SIRPG antibody (PE)**

### 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.<br>Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.                                      |

### Target Details

|         |       |
|---------|-------|
| Target: | SIRPG |
|---------|-------|

## Target Details

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

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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

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Gene ID: 55423

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UniProt: [Q9P1W8](#)

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## Application Details

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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.

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Restrictions: For Research Use only

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## Handling

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

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Preservative: Sodium azide

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

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Storage: 4 °C

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Storage Comment: Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

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