

Product Datasheet

CD169 Antibody (APC) (orb545675)

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| Catalog Number | orb545675 |
| Category | Antibodies |
| Description | Mouse monoclonal antibody against CD169_Sialoadhesin conjugated to APC |
| Target | CD169 |
| Clonality | Monoclonal |
| Isotype | Mouse IgG1 |
| Conjugation | APC |
| Reactivity | Human |
| Buffer/Preservatives | Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide |
| Purification | Purified antibody is conjugated with activated allophycocyanin (APC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography. |
| Immunogen | human rhinovirus 14-infected monocyte-derived dendritic cells |
| UniProt ID | Q9BZZ2 |
| Tested applications | FC |
| 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 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests. |
| Specificity | The mouse monoclonal antibody 7-239 recognizes an extracellular epitope of CD169 (sialoadhesin, Siglec-1), a 210 kDa type I transmembrane glycoprotein expressed on macrophages and dendritic cells. |

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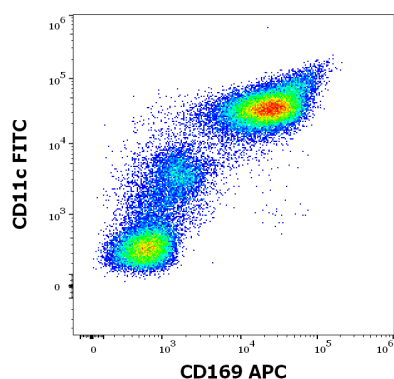
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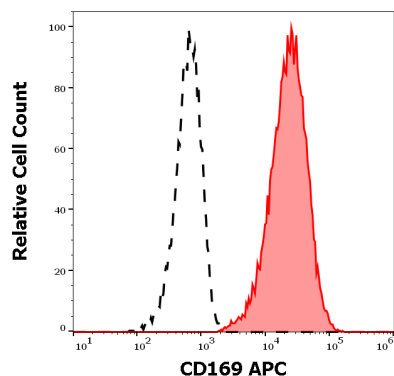
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| Antibody Type | Primary Antibody |
| Clone Number | 7-239 |
| Storage | Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze. |
| Note | For research use only |
| Entrez | 6614 |
| Expiration Date | 12 months from date of receipt. |



Flow cytometry multicolor surface staining of human TNF- α and INF- γ stimulated peripheral blood mononuclear cells stained using anti-human CD169 (7-239) APC antibody (10 μ l reagent per milion cells in 100 μ l of cell suspension) and anti-human CD11c (BU15) FITC antibody (20 μ l reagent / 100 μ l of peripheral whole blood).



Separation of human CD169 positive CD11c positive cells (red-filled) from CD169 negative CD11c negative cells (black-dashed) in flow cytometry analysis (surface staining) of human TNF- α and INF- γ stimulated peripheral blood mononuclear cells stained using anti-human CD169 (7-239) APC antibody (10 μ l reagent per milion cells in 100 μ l of cell suspension).

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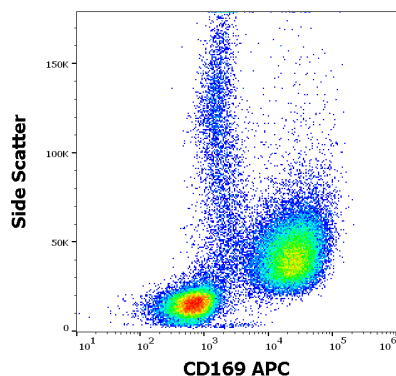
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Flow cytometry surface staining pattern of human TNF- α and INF- γ stimulated peripheral blood mononuclear cells stained using anti-human CD169 (7-239) APC antibody (10 μ l reagent per million cells in 100 μ l of cell suspension).

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