9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

# 30-2922PE: PE Conjugated Anti-Human CD355 Antibody (Clone : Cr24.1)

| | |
|---|---|
| **Clonality :** | Monoclonal |
| **Clone Name :** | Cr24.1 |
| **Application :** | FACS |
| **Reactivity :** | Human |
| **Conjugate :** | PE |
| **Gene ID :** | 56253 |
| **Uniprot ID :** | O95727 |
| **Alternative Name :** | CRTAM |
| **Isotype :** | Mouse IgG2b |
| **Immunogen Information :** | CD355-P815 cells |

## Description

CD355 is a homodimerizing type I transmembrane glycoprotein, which binds to its ligand SYNCAM (CADM1). CD355 is expressed on subsets of CD8+ and CD4+ T cells, on activated NK cells and NKT cells. Its expression is transient, and reflects its role in cell adhesion and migration.

The mouse monoclonal antibody Cr24.1 recognizes an extracellular epitope of human CD355, a type I transmembrane glycoprotein, expressed on subsets of CD8+ and CD4+ T cells, on activated NK cells and NKT cells.

## Product Info

| | |
|---|---|
| **Amount :** | 100 tests |
| **Purification :** | Purified by protein-A affinity chromatography |
| **Content :** | Formulation : Phosphate buffered saline (PBS) solution with 15 mM sodium azide |
| **Storage condition :** | Store at 2-8°C. Do not freeze. |

## Application Note

*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.*

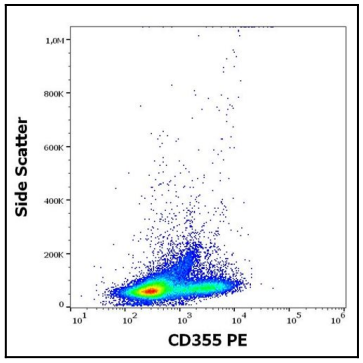


Figure 1 :Flow cytometry surface staining pattern of human PMA + Ionomycin stimulated peripheral whole blood stained using anti-human CD355 (Cr24.1) PE antibody

9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

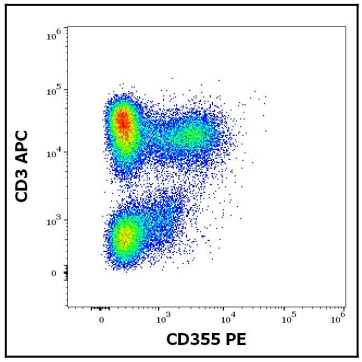


Figure 2 : Flow cytometry multicolor surface staining pattern of human PMA + Ionomycin stimulated lymphocytes stained using anti-human CD3 (UCHT1) APC antibody and anti-human CD355 (Cr24.1) PE antibody

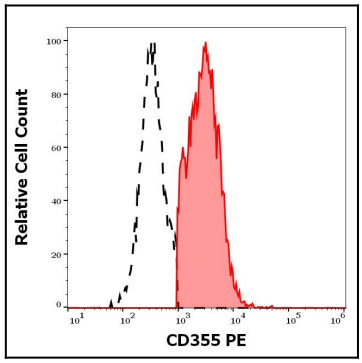


Figure 3: Separation of human CD3 positive CD355 positive cells (red-filled) from CD3 negative CD355 negative cells (black-dashed) in flow cytometry analysis (surface staining) of human PMA + Ionomycin stimulated peripheral whole blood stained using anti-human CD355 (Cr24.1) PE antibody