

30-2922AC: APC Conjugated Anti-Human CD355 Antibody (Clone : Cr24.1)

Clonality :	Monoclonal
Clone Name :	Cr24.1
Application :	FACS
Reactivity :	Human
Conjugate :	APC
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 10⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.

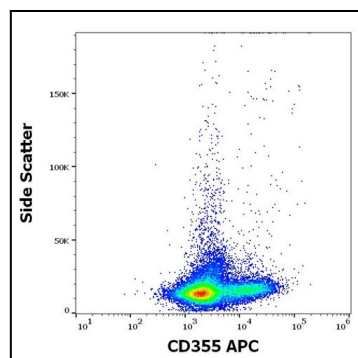


Figure 1 : Flow cytometry surface staining pattern of human PMA + Ionomycin stimulated peripheral whole blood stained using anti-human CD355 (Cr24.1) APC antibody

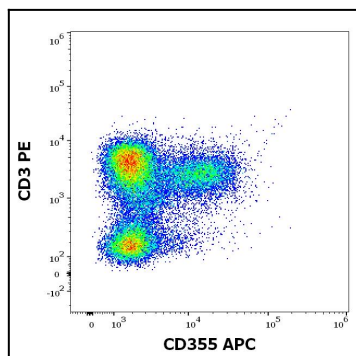


Figure 2 : Flow cytometry multicolor surface staining pattern of human PMA + Ionomycin stimulated peripheral blood mononuclear cells stained using anti-human CD3 (UCHT1) PE antibody and anti-human CD355 (Cr24.1) APC antibody

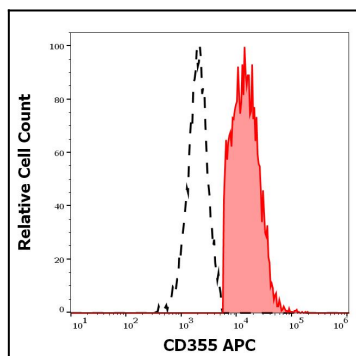


Figure 3: Separation of human CD3 positive CD355 positive cells (red-filled) from CD3 negative CD355 negative cells (black-dashed) in flow cytometry analysis (surface staining) of human PMA + Ionomycin stimulated peripheral whole blood stained using anti-human CD355 (Cr24.1) APC antibody.