

30-2713-AC: Anti-Hu TCR Vgamma4 APC

Clonality :	Monoclonal
Clone Name :	4A11.904
Application :	FACS
Reactivity :	Human
Conjugate :	APC
Gene ID :	35
Alternative Name :	TCRVG4
Isotype :	Mouse IgG1
Immunogen Information :	human T cells

Description

TCR Vgamma4 is a variant of TCR gamma chain, that is present on a minor subset of human gamma/delta T cells.
Specificity :The mouse monoclonal antibody 4A11.904 recognizes an extracellular epitope of human TCR Vgamma4, that is present on a minor subset of human gamma/delta T cells.

Product Info

Amount :	100 tests (T100)
Purification :	Purified antibody is conjugated with activated allophycocyanin (APC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Content :	Storage Buffer: Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage condition :	Store at 2-8°C. Protect from prolonged exposure to light. 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.

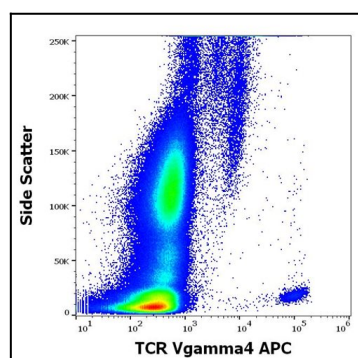


Figure 1: Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human TCR Vgamma4 (4A11.904) APC antibody (concentration in sample 0.19 µg/ml).

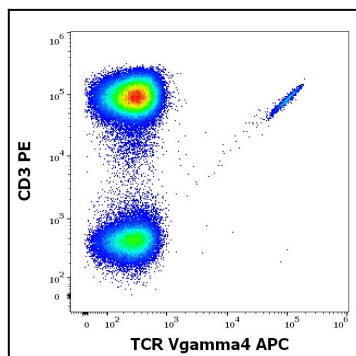


Figure 2: Flow cytometry multicolor surface staining pattern of human lymphocytes stained using anti-human CD3 (UCHT1) PE antibody (20 μ l reagent / 100 μ l of peripheral whole blood) and anti-human TCR Vgamma4 (4A11.904) APC antibody (concentration in sample 0.19 μ g/ml)

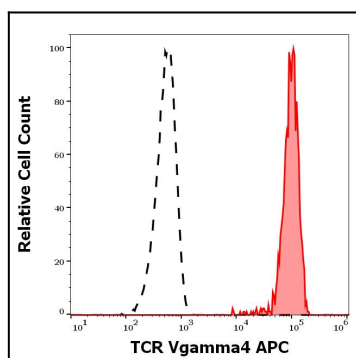


Figure 3: Separation of human CD3 positive TCR Vgamma4 positive T cells (red-filled) from neutrophil granulocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human TCR Vgamma4 (4A11.904) APC antibody (concentration in sample 0.19 μ g/ml).