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30-2714: Anti-Hu TCR Vgamma4 PE

Clonality :	Monoclonal
Clone Name :	4A11.904
Application :	FACS
Reactivity :	Human
Conjugate :	PE
Alternative Name :	TCRVG4
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
Purification :	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Content :	Concentration: 1 mg/ml Storage Buffer: 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 Âµl reagent / 100 Âµl of whole blood or 10^6 cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.

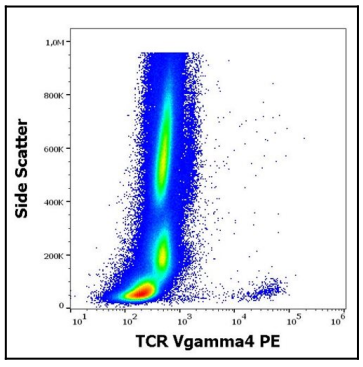


Figure 1: Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human TCR Vgamma4 (4A11.904) PE antibody

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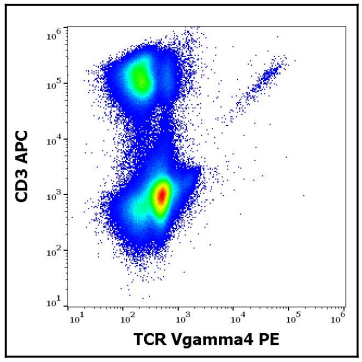


Figure 2: Flow cytometry multicolor surface staining pattern of human lymphocytes stained using anti-human TCR Vgamma4 (4A11.904) PE antibody and anti-human CD3 (UCHT1) APC antibody

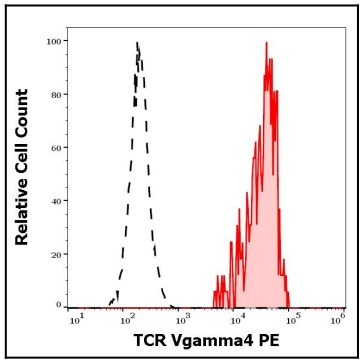


Figure 3: Separation of human TCR Vgamma4 positive lymphocytes (red-filled) from human TCR Vgamma4 negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of peripheral whole blood stained using anti-human TCR Vgamma4 (4A11.904) PE antibody

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