

### 30-2714: Anti-Hu TCR Vgamma4 PE

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	4A11.904
<b>Application :</b>	FACS
<b>Reactivity :</b>	Human
<b>Conjugate :</b>	PE
<b>Alternative Name :</b>	TCRVG4
<b>Immunogen Information :</b>	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

<b>Amount :</b>	100 Tests
<b>Purification :</b>	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
<b>Content :</b>	Concentration: 1 mg/ml Storage Buffer: Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
<b>Storage condition :</b>	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  $\mu$ l reagent / 100  $\mu$ l of whole blood or  $10^6$  cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.

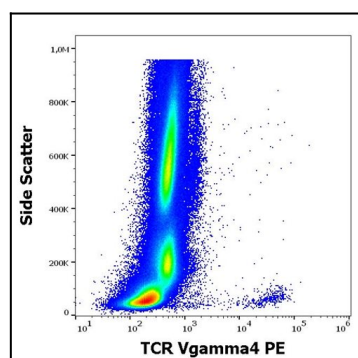


Figure 1: Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human TCR Vgamma4 (4A11.904) PE antibody

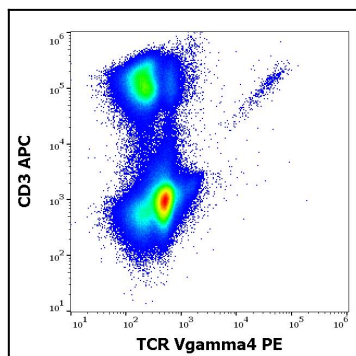


Figure 2: Flow cytometry multicolor surface staining pattern of human lymphocytes stained using anti-human TCR Vgamma4 (4A11.904) PE antibody and anti-human CD3 (UCHT1) APC antibody

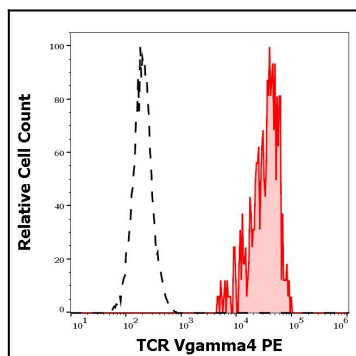


Figure 3: Separation of human TCR Vgamma4 positive lymphocytes (red-filled) from human TCR Vgamma4 negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of peripheral whole blood stained using anti-human TCR Vgamma4 (4A11.904) PE antibody