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30-2711: Anti-Hu TCR Vgamma9 Purified

Clonality :	Monoclonal
Clone Name :	B3
Application :	FACS
Reactivity :	Human
Format :	Purified
Alternative Name :	TCRVG9
Immunogen Information :	human T cells

Description

TCR Vgamma9 is a variant of TCR gamma chain, that is present on a subset of human gamma/delta T cells. TCR Vgamma9/Vdelta2 T cells are able to recognize and kill various tumor cells, as this receptor heterodimer binds to certain phosphoantigens, expressed by tumors.
Specificity :The mouse monoclonal antibody B3 recognizes an extracellular epitope of human TCR Vgamma9, a variant of TCR gamma chain, which is expressed on a gamma/delta T cell subpopulation with cytolytic activity against various tumor cells.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography.
Content :	Storage Buffer: Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow cytometry: Recommended dilution: 1-4 Âµg/ml

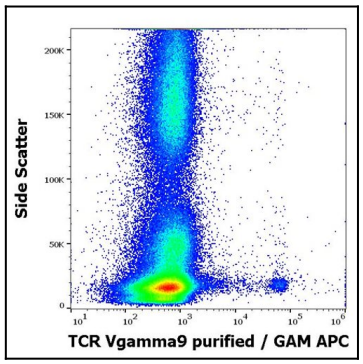


Figure 1: Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human TCR Vgamma9 (B3) purified antibody

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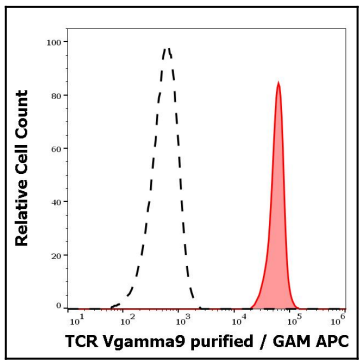


Figure 2: Separation of human TCR Vgamma9 positive lymphocytes (red-filled) from human TCR Vgamma9 negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of peripheral whole blood stained using anti-human TCR Vgamma9 (B3) purified antibody

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