

30-2308: PE Conjugated Anti-TCR gamma/delta Monoclonal Antibody (Clone:V65)

Clonality :	Monoclonal
Clone Name :	V65
Application :	FACS
Reactivity :	Rat
Conjugate :	PE
Gene :	Plcg1
Gene ID :	25738
Uniprot ID :	P10686
Alternative Name :	Plcg1
Isotype :	Mouse IgG1
Immunogen Information :	TCR alpha/beta-negative CD3-positive rat T cell hybridoma III.89.1.4 line

Description

The antigen-specific T cell receptor (TCR) is composed of either alpha and beta subunit, or gamma and delta subunit. Majority of T cells present in the blood, lymph and secondary lymphoid organs express TCR alpha/beta heterodimers, whereas the T cells expressing TCR gamma/delta heterodimers are localized mainly in epithelial tissues and at the sites of infection. The subunits of TCR heterodimers are covalently bonded and in the endoplasmic reticulum they associate with CD3 subunits to form functional TCR-CD3 complex. Lack of expression of any of the chains is sufficient to stop cell surface expression.

Product Info

Amount :	0.1 mg
Storage condition :	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

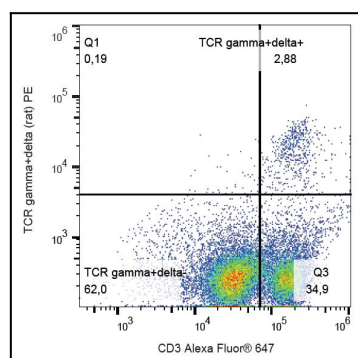


Figure 1: Surface staining of TCR gamma/delta in rat peripheral blood with anti-TCR gamma/delta (V65) PE.