

## 30-1587: Low Endotoxin Anti-TCR gamma/delta Monoclonal Antibody (Clone:B1)

|                           |               |
|---------------------------|---------------|
| <b>Clonality :</b>        | Monoclonal    |
| <b>Clone Name :</b>       | B1            |
| <b>Application :</b>      | FACS          |
| <b>Reactivity :</b>       | Human         |
| <b>Gene :</b>             | PLCG1         |
| <b>Gene ID :</b>          | 5335          |
| <b>Uniprot ID :</b>       | P19174        |
| <b>Format :</b>           | Low Endotoxin |
| <b>Alternative Name :</b> | PLCG1,PLC1    |
| <b>Isotype :</b>          | Mouse IgG1    |

### 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

|                            |   |
|----------------------------|---|
| <b>Amount :</b>            | 0.1 mg  |
| <b>Purification :</b>      | Purified by protein-A affinity chromatography |
| <b>Storage condition :</b> | Store at 2-8°C. Do not freeze.                |

### Application Note

**Flow Cytometry Immunohistochemistry Immunohistochemistry (frozen sections) Functional Application** blocking

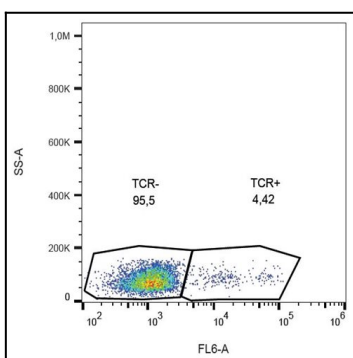


Figure 1: Flow cytometry analysis (surface staining) of human peripheral blood lymphocytes with anti-human TCR gamma/delta (B1) purified antibody (low endotoxin), GAM-APC