Anti-Mouse TCRγ/δ-159Tb

Catalog #: 3159012B  
Package Size: 100 tests  
Storage: Store product at 4°C. Do not freeze.  
Cross Reactivity: Mouse

Technical Information

Validation: Each lot of conjugated antibody is quality control tested by CyTOF® analysis of stained cells using the appropriate positive and negative cell staining and/or activation controls.

Recommended Usage: The suggested use is 1 µl for up to $3 \times 10^6$ live cells in 100 µl. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.

Description

γδ T cells are a minor population of T cells that express the TCR γδ chains. In the murine thymus, commitment to the γδ lineage occurs at the immature CD4−CD8− double-negative (DN) stage of thymocyte development. Early DN cells with potential to develop as either γδ or αβ T cells rearrange their T-cell receptor-γ (TCR-γ), TCR-δ and TCR-β loci in an attempt to generate a productive TCR-γδ or pre-TCR (TCR-β paired with the invariant pre-TCR-α chain) that compete to drive γδ or αβ T-cell development, respectively. γδ T cells are present in the thymus, epidermis, epithelial lining of the intestine, peritoneal cavity, and lymphoid tissues.

References


Contact Information:
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