Anti-Mouse TCR β-143Nd

Catalog #: 3143010B
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 X 10⁶ live cells in 100 µl. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.

Mouse splenocytes stained with 143Nd-anti-TCRβ (H57-597) and 144Nd-anti-B220 (CD45R) (RA3-6B2).

Description

TCRβ, together with TCRα, forms the heterodimeric T cell receptor (TCR) present on the surface of the majority of T cells and thymocytes. On the remaining 5% of T cells, the αβ TCR is absent, and instead replaced by two alternate chains (TCR γ/δ). The complex of CD3 and TCR plays a key role in antigen recognition through binding to the major histocompatibility complex (MHC), resulting in T cell activation.

References


Contact Information:
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This product is intended for Research Use Only. This product is not intended for therapeutic or diagnostic purposes in humans or animals.

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