Anti-Mouse RORγt-159Tb

Catalog: 3159019B
Clone: B2D
Isotype: IgG1
Package Size: 100 tests
Storage: Store product at 4°C. Do not freeze.
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 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

RORγ (Retinoid-related orphan receptor gamma) is a member of the nuclear hormone receptor family, NR1 subfamily. RORγ has two isoforms: γ1 and γ2 (also referred to as RORγt). The RORγt differs from RORγ1 isofrom by lacking three unique amino acids at the amino terminus. Therefore, the B2D antibody will react with both the RORγ and RORγt isoforms. RORγt is expressed exclusively in only two cell populations, DP thymocytes and lymphoid tissue inducers (LTi). RORγt is essential for lymph nodes and Peyer’s patches development and plays a critical role in control apoptosis during thymopoiesis and T cell homeostasis.

References


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