Anti-Mouse CD357-143Nd
Catalog: 3143019B
Clone: DTA1
Package Size: 100 tests
Storage: Store product at 4°C. Do not freeze.
Reactivity: Mouse,
Formulation: Antibody stabilizer with 0.05% Sodium Azide

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

GITR (Glucocorticoid-Induced TNFR family gene) and its ligand (GITRL) are induced upon activation of a number of immune cell types. GITR is expressed at low levels on resting T cells, but its expression is rapidly increased upon activation. Although constitutively expressed on Foxp3+ regulatory T cells (Tregs), GITR is dispensable for Treg function. GITR-deficient mice are viable, reproduce normally, and have no obvious immunological defects in the naive state. Studies using GITR-deficient mice or an agonist anti-GITR antibody have shown an immune stimulatory role for GITR in the context of viral infections.

References


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