Anti-Mouse CD279/PD1-159Tb

Catalog: 3159023B
Clone: J43
Package Size: 100 tests
Storage: Store product at 4°C. Do not freeze.
Reactivity: Mouse,
Isotype: IgG
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

PD-1 (programmed cell death protein 1), also known as CD279, is a cell surface membrane protein member of the Ig superfamily. PD-1 contains the immunoreceptor tyrosine-based inhibitory motif (ITIM) and plays a key role in peripheral tolerance and autoimmune disease in mice. PD-1 is expressed mainly on activated T and B lymphocytes. The RMP1-30 antibody reacts with mouse PD-1.

References


For Research Use Only. Not for use in diagnostic procedures.

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Mouse splenocytes were incubated for 3 days in media alone (left) or with Concanavalin A (right) and then stained with 147Sm-anti-CD45 (30-F11) and 159Tb-anti-PD1 (J43). T and B cells are displayed in the analysis.