

PD1 antibody [RMP1-30]

Cat. No. GTX42140

Host	Rat
Clonality	Monoclonal
Isotype	IgG2b
Applications	FCM, Functional Assay
Reactivity	Mouse

References (2)

Package

100 µg

PRODUCT

Summary

The RMP1-30 antibody is specific for mouse CD279, also known as programmed death-1 (PD-1), a 55 kDa glycoprotein member of the Ig superfamily of molecules. PD-1 exists in a monomeric form that is expressed by CD4- CD8- thymocytes, where it participates in the processes of clonal selection, elimination of autoreactive lymphocytes, and development of tolerance. PD-1 expression is also inducible upon activation of mature T cells, where it has been proposed to interact with the co-stimulatory receptor CD80 to limit T cell activation. Two ligands for PD-1, known as PD-L1 (B7-H1) and PD-L2 (B7-DC) are differentially expressed on T and B cells, monocytes, macrophages, NK cells or dendritic cells.

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
FCM	Assay dependent
Functional Assay	Assay dependent

Not tested in other applications.

Properties

Form	Liquid
Buffer	10mM NaH ₂ PO ₄ , 150mM NaCl
Preservative	0.09% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C.
Concentration	0.5 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	PD-1 transferred BHK cells.
Purification	Purified by affinity chromatography From tissue culture supernatant
Conjugation	Unconjugated



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Note

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