

Technical Data Sheet

Anti-Human CD279

Catalog Number: 101401, 101402

Size: 100 ug, 500 ug

Target Name: CD279, PD1, PD-1

Regulatory Status: RUO

Product Details

Clone: 279AM1

Application: FC

Reactivity: Human

Format: Purified

Isotype: Mouse IgG1

Antibody Type: Monoclonal

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide

Protein Concentration: 0.5 mg/mL

Storage&Handling: The antibody solution should be stored between 2°C and 8°C

Release Date: Dec-25

Background Information

CD279, also known as Programmed cell death 1 (PD-1), cell surface receptor which binds to PD-L1 and PD-L2 ligands; functions as immune checkpoint with important role in down regulating immune system by preventing T-cell activation. Targeted by Nivolumab, Pembrolizumab and other monoclonal antibodies in a new class of cancer drugs. CD279 is expressed predominantly on activated T cells, B cells, and myeloid cells. The interaction with CD279 ligands results in inhibition of T cell proliferation and cytokine secretion.