

Product datasheet for **AM05572PU-L**

Pdcd1 Rat Monoclonal Antibody [Clone ID: RMP1-30]

Product data:

Product Type:	Primary Antibodies
Clone Name:	RMP1-30
Applications:	FC
Recommended Dilution:	Flow Cytometry: Use 10 µl of 1/100-1/200 diluted antibody to label 10 ⁶ cells in 100 µl.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	PD-1 transferred BHK cells
Specificity:	This antibody recognises CD279, a 55kD cell surface protein which is a member of the CD28/CTLA-4 family, otherwise known as Programmed Death-1 (PD-1). Antibodies produced by clone RMP1-30 do not block the binding of both B7-H1-Ig and B7-DC-Ig fusion proteins to PD-1 transfected BHK cells.
Formulation:	PBS, pH 7.4 State: Purified State: Liquid purified IgG Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	programmed cell death 1
Database Link:	Entrez Gene 18566 Mouse Q02242



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Background:	<p>CD279 is expressed predominantly on activated T- and B- lymphocytes and on a subset of thymocytes.</p> <p>Studies suggest that CD279, an immunoinhibitory receptor, plays a critical role in peripheral tolerance induction and prevention of autoimmune disease. Two members of the B7 family, B7-H1 (PD-L1) and B7-DC (PD-L2), have been identified as the ligands for CD279.</p>
Synonyms:	Protein PD-1, hPD-1, PDCD1