

Anti-mouse PD-1 Monoclonal Antibody (RMP1-14.1) | PA007162.mm2aLA

Catalog No.: PA007162.mm2aLA | Isotype: Mouse IgG2a-LALAPG, Kappa | In Vivo Grade

Recombinant mouse anti-mouse PD 1 / CD279 monoclonal antibodies, whose variable region sequences are murined from the rat anti-mouse PD-1 monoclonal antibody (clone number: RMP1-14), are produced from mammalian cells. The recombinant rat and chimeric mouse versions of the RMP1-14 antibody are also available.

Product Specifications

Catalog No.	PA007162.mm2aLA
Product Name	In Vivo Grade Recombinant Murinized Anti-mouse PD-1 Monoclonal Antibody (Clone RMP1-14.1), Mouse IgG2a-L234A L235A P329G (LALAPG) Kappa
Clone & Isotype	RMP1-14.1 Mouse IgG2a-LALAPG, Kappa
Synonyms	Mouse Anti-Mouse PD 1 Monoclonal Antibodies, Murinized Anti-Mouse PD 1 Monoclonal Antibodies
Applications	immunohistochemistry (IHC), Flow Cytometry (FC), and various in vitro and in vivo functional assays.
Immunogen	The original rat hybridoma (clone name: RMP1-14) was generated by immunizing Sprague Dawley rats with mouse PD-1-transfected BHK cells and using a P3U1 myeloma as the fusion partner.
Purity & Endotoxin	>95% by SDS-PAGE under reducing conditions < 1 EU/mg (LAL method)
Formulation	0.2 µm filtered solution of 1x PBS.
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 1 month from date of receipt, 2 to 8°C as supplied. 3 months from date of receipt, -20°C to -70°C as supplied. Shipped with ice pack.

Biological Description & Research Applications

Syd Labs's murinized anti-PD-1 recombinant antibody recombinant antibody mouse IgG2a-LALAPG is manufactured in mammalian cells. Syd Labs: the best antibodies for in vivo research. Syd Labs proudly presents its high-performance anti-mouse PD-1 clone RMP1-14.1 to reduce the immune response when it is used in mice in vivo. The murinized anti-mouse PD-1 recombinant antibody has not only the constant regions of the mouse IgG antibodies but also the murinized variable regions.

Syd Labs offers its premium in vivo-grade anti-mouse PD-1 monoclonal antibody (Clone RMP1-14.1), engineered as a recombinant protein—not derived from hybridoma technology—to eliminate risks of FBS or ascites contamination during production. With flexible isotype options (e.g., IgG1, IgG2a) and customizable mutants, our antibody ensures tailored solutions for diverse experimental needs. Rigorously validated for ultra-low endotoxin levels (as low as 0.05 EU/mg), Syd Labs provides unparalleled cost efficiency, pricing 20–50% lower than competitors while meeting stringent endotoxin standards, making it the trusted choice for reliable and reproducible in vivo studies.

Ordering & Technical Support

For custom volume ordering or inquiries, please visit the product webpage or contact our support team:

- **Product Webpage:** <https://www.ushelf.com/murinized-anti-mouse-pd-1-antibody-pa007162-mm2ala/>
- **Order Phone:** 1-617-401-8149 | **Fax:** 1-617-606-5022
- **Support Email:** message@sydlabs.com