Anti-mouse PD-1 Monoclonal Antibody (Clone RMP1-14.1) | PA007162.m2c

Catalog No.: **PA007162.m2c** | Isotype: **Mouse IgG2c, Kappa** | **In Vivo Grade**

PRODUCT DESCRIPTION

In Vivo Grade Recombinant Anti-mouse PD-1 Mouse IgG2c Kappa Monoclonal Antibody (Clone RMP1-14.1). 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.

The rat anti-mouse PD-1 monoclonal antibody (clone No. RMP1-14.1) reacts with mouse PD-1 protein (CD279), encoded by the *pdcd1* gene. Expressed in advanced mammalian cells, this in vivo grade recombinant antibody delivers high specificity and purity (>95%) with low endotoxin levels (<1 EU/mg), making it ideal for immunohistochemistry (IHC), Flow Cytometry (FC), in vitro neutralization, and long-term in vivo functional assays.

PRODUCT SPECIFICATIONS

Catalog No.	PA007162.m2c
Product Name	In Vivo Grade Recombinant Anti-mouse PD-1 Monoclonal Antibody (Clone RMP1-14.1), Mouse IgG2c Kappa
Supplier Name	Syd Labs, Inc.
Brand Name	Syd Labs
Synonyms	Mouse Anti-Mouse PD 1 Monoclonal Antibodies, Murinized Anti-Mouse PD 1 Monoclonal Antibodies
Summary	The In Vivo Grade Recombinant Anti-mouse PD-1 Mouse IgG2c Kappa Monoclonal Antibody (Clone RMP1-14.1) was produced in mammalian cells.
Clone	RMP1-14.1, the same variable region sequences as the rat anti-mouse PD-1 monoclonal antibody (clone number: RMP1-14)
Isotype	mouse IgG2c, kappa
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 rats with mouse PD-1-transfected BHK cells.
Form Of Antibody	0.2 μM filtered solution of 1x PBS.
Endotoxin	Less than 1 EU/mg of protein as determined by LAL method.
Purity	>95% by SDS-PAGE under reducing conditions.
Shipping	The In Vivo Grade Recombinant Anti-mouse PD-1 Mouse IgG2c Kappa Monoclonal Antibody (Clone RMP1-14.1) are shipped with ice pack. Upon receipt, store it immediately at the temperature recommended below.
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.
Note	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: