InVivoMAb抗小鼠PD-1抗体

InVivoMAb anti-Mouse PD-1 Antibody

货号：RB9T37030433

在您使用本产品前请认真阅读说明书，这对您顺利完成实验很有帮助。

产品编码
RB9T37030433

中文名称
InVivoMAb抗小鼠PD-1抗体

英文名称
InVivoMAb anti-Mouse PD-1 Antibody

形态
Liquid

纯度
>95% as determined by SDS-PAGE.

内毒素水平
Please contact with the lab for this information.

应用
Neutralization

登录号
Q02242

宿主种属
Mouse

克隆性
Monoclonal

抗体亚型
IgG2a, kappa (Silence)

纯化方式
Protein A/G purified from cell culture supernatant.

种属反应性
Mouse

靶标

Programmed cell death protein 1, Protein PD-1, hPD-1, PD1, PDCD1, CD279

产品描述

The RMP1-14 monoclonal antibody recognizes mouse PD-1 (CD279), a 50 - 55 kDa CD28-family receptor transiently expressed on thymocytes, activated T and B cells, and myeloid cells. PD-1 contains an ITIM motif and delivers inhibitory signals upon engagement with its ligands PD-L1 and PD-L2, reducing T-cell activation and promoting peripheral tolerance. PD-1 deficiency in mice leads to autoimmunity, while PD-L1 upregulation in tumors enhances resistance to CD8 T-cell - mediated killing. Blocking the PD-1/PD-L1 pathway can inhibit tumor growth in mouse models. RMP1-14, like J43, effectively blocks PD-1 binding to both PD-L1 and PD-L2.

储存缓冲液

0.01M PBS, pH 7.4.

稳定性和储存

Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Store at 4° C short term (1-2 weeks). Store at -20° C 12 months. Store at -80° C long term.

For research use only. Not suitable for clinical or therapeutic use.