InVivoMAb抗小鼠CTLA-4抗体

InVivoMAb anti-Mouse CTLA-4 Antibody

货号：RB9T37029200

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
RB9T37029200

中文名称
InVivoMAb抗小鼠CTLA-4抗体

英文名称
InVivoMAb anti-Mouse CTLA-4 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
ELISA, Neutralization

登录号
P09793

宿主种属
Mouse

克隆性
Monoclonal

抗体亚型
IgG2b, kappa

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

浓度
1 mg/ml

种属反应性

Mouse

靶标

Cytotoxic T-lymphocyte protein 4, Cytotoxic T-lymphocyte-associated antigen 4, CTLA-4, CD152, Ctla4, Cd152

产品描述

The Iv0047 monoclonal antibody specifically targets mouse CTLA-4 (CD152), a 33-kDa inhibitory receptor of the CD28 family expressed on activated T and B cells. CTLA-4 interacts with the B7 ligands CD80 and CD86, delivering negative signals that regulate T-cell activation, maintain immune tolerance, and preserve homeostasis. The critical role of CTLA-4 is underscored by CTLA-4–deficient mice, which develop lethal lymphoproliferation. As an important immune checkpoint, CTLA-4 is a key target for cancer immunotherapy. The 9D9 antibody is widely employed to block CTLA-4 and has been shown in multiple tumor models to effectively deplete intratumoral regulatory T cells in vivo.

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.