InVivoMAb抗HIV1 gp120/糖蛋白120(Iv0038)

InVivoMAb Anti-HIV1 gp120/Glycoprotein 120 (Iv0038)

货号：RB9T37029198

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
RB9T37029198

中文名称
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英文名称
InVivoMAb Anti-HIV1 gp120/Glycoprotein 120 (Iv0038)

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
Q03805

宿主种属
Human

克隆性
Monoclonal

抗体亚型
IgG1, lambda2

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

浓度
2.2 mg/ml

种属反应性

Human immunodeficiency virus 1 (HIV-1)

靶标

Envelope glycoprotein gp160, Env polyprotein, Surface protein gp120, SU, Glycoprotein 120, gp120, Transmembrane protein gp41, TM, Glycoprotein 41, gp41, env

产品描述

The Iv0038 monoclonal antibody recognizes HIV-1 gp120, a heavily glycosylated ~120 kDa envelope glycoprotein that forms the outer subunit of the viral Env complex. gp120 mediates viral attachment by binding to the CD4 receptor and coreceptors such as CCR5 or CXCR4 on target cells, making it a key determinant of viral entry and tropism. By targeting conformational epitopes on gp120, Iv0038 can neutralize HIV-1, blocking the interaction between gp120 and host receptors and thereby preventing fusion and subsequent infection. Because gp120 is exposed on the virion surface and undergoes conformational changes during receptor engagement, antibodies like Iv0038 are valuable tools for studying viral entry mechanisms, Env antigenicity, and immune responses to HIV-1.

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.