抗HIV-1 gp120参考抗体

Anti-HIV-1 gp120 Reference Antibody

货号：RB9T37015285

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
RB9T37015285

中文名称
抗HIV-1 gp120参考抗体

英文名称
Anti-HIV-1 gp120 Reference Antibody

形态
Liquid

纯度
>95% purity as determined by SDS-PAGE.

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

应用
ELISA, Bioactivity: FACS, Functional assay, Research in vivo

表达系统
Mammalian Cells

登录号
P03377

宿主种属
Humanized

克隆性
Monoclonal

抗体亚型
IgG1, kappa

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

浓度
1mg/ml

种属反应性
Human immunodeficiency virus 1 (HIV-1)

靶标

env/Env polyprotein

背景信息

Suvizumab (KD-247) is an neutralizing antibody anti-HIV-1. Suvizumab effectively neutralizes HIV-1MN, HIV-1SF2 and HIV-189.6 with IC50 values of 0.1 μg/mL, 1.0 μg/mL and 0.2 μg/mL, respectively. Suvizumab reduces the viral load of HIV. Suvizumab has good tolerance and can be used to prevent HIV infection.

• Targeted infection of HIV-1 Env expressing cells by HIV(CD4/CXCR4) vectors reveals a potential new rationale for HIV-1 mediated down-modulation of CD4., PMID:16371160

• The intracytoplasmic domain of the Env transmembrane protein is a locus for attenuation of simian immunodeficiency virus SIVmac in rhesus macaques., PMID:10846063

• Differences in feline immunodeficiency virus host cell range correlate with envelope fusogenic properties., PMID:7856093

• Incomplete protection, but suppression of virus burden, elicited by subunit simian immunodeficiency virus vaccines., PMID:8107246

• Mechanistic analysis of pause site-dependent and -independent recombinogenic strand transfer from structurally diverse regions of the HIV genome., PMID:15342633

别名

KD-247, 914257-21-9

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 for short-term storage (1-2 weeks). Store at -20° C for up to 12 months. For long-term storage, store at -80° C.

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