抗甲型流感（H3N2）HA/血凝素广谱中和参考抗体

Anti-Flu A (H3N2, RUO) HA/Hemagglutinin Broadly Neutralizing Reference Antibody

货号：RB9T37017275

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
RB9T37017275

中文名称
抗甲型流感（H3N2）HA/血凝素广谱中和参考抗体

英文名称
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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
Q91MA7

宿主种属
Human

抗体亚型
IgG1-lambda

纯化方式

Protein A/G purified from cell culture supernatant.

浓度

1mg/ml

种属反应性

Influenza A virus (strain A/Hong Kong/1/1968 H3N2)

靶标

Hemagglutinin, Hemagglutinin HA1 chain, Hemagglutinin HA2 chain, HA

产品描述

CR8020 is a broadly neutralizing antibody (bNAb) targeting the stem region of influenza A virus (IAV) hemagglutinin (HA) and is in phase II trials for prophylactic use against group 2 IAVs. Structural and computational analyses show that CR8020 binds HA residues subject to antigenic drift and host selection pressure, with escape mutations observed in some H7N9 strains. Additionally, effective engagement of Fcγ receptors (FcγR) is crucial for antibody efficacy, but membrane steric hindrance may limit HA-CR8020-FcγR complex formation. These findings highlight epitope mutability and immune complex accessibility as key factors in bNAb development.

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.