抗RABV糖蛋白G参考抗体

Anti-RABV Glycoprotein G Reference Antibody

货号：RB9T37015571

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
RB9T37015571

中文名称
抗RABV糖蛋白G参考抗体

英文名称
Anti-RABV Glycoprotein G 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
O92284, P08667

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
4.5mg/ml

种属反应性
Rabies virus (RABV)

靶标

G, Glycoprotein

背景信息

Mazorelvimab (SYN023) is a combination of CTB011 and CTB012 humanized monoclonal antibodies cocktail against rabies virus (RABV). Mezagitamab binds to non-overlapping epitopes on RABV glycoprotein (G). Mezagitamab has potential application in the prevention of rabies.

• The glycoprotein G of rhabdoviruses., PMID:7605197

• Chandipura viral glycoprotein (CNV-G) promotes Gectosome generation and enables delivery of intracellular therapeutics., PMID:38702887

• The Hantavirus Surface Glycoprotein Lattice and Its Fusion Control Mechanism., PMID:32937107

• Viral membrane fusion: is glycoprotein G of rhabdoviruses a representative of a new class of viral fusion proteins, PMID:15933774

• G glycoprotein amino acid residues required for human monoclonal antibody RAB1 neutralization are conserved in rabies virus street isolates., PMID:21693135

• Structure and Dynamics of Immunoglobulin G Glycoproteins., PMID:30484251

• Chemical-Synthesis-Based Approach to Glycoprotein Functions in the Endoplasmic Reticulum., PMID:33107166

• Human metapneumovirus glycoprotein G disrupts mitochondrial signaling in airway epithelial cells., PMID:23626834

• Boronic acid functionalized g-C_3N_4 nanosheets for ultrasensitive and selective sensing of glycoprotein in the physiological environment., PMID:29480294

• 4'-(8-(4-Methylimidazole)-octyloxy)-arctigenin: The first inhibitor of fish rhabdovirus glycoprotein., PMID:37385462

别名

CTB011, CTB-011, CTB011, SYN023, CAS: 2419087-87-7

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.