抗人补体C2参考抗体

Anti-Human Complement C2 Reference Antibody

货号：RB9T37016184

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
RB9T37016184

中文名称
抗人补体C2参考抗体

英文名称
Anti-Human Complement C2 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
P06681

宿主种属
Human

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

靶标

Complement C2, C2, C3/C5 convertase

背景信息

Empasiprubar (ARGX-117) is a humanized inhibitory monoclonal antibody targeting complement C2. Empasiprubar binds to the Sushi-2 domain of C2, preventing the formation of C3 pre convertase and inhibiting the activation of classical and lectin pathways upstream of C3 activation. Empasiprubar can prevent complement mediated autoimmune hemolytic anemia and antibody mediated organ transplant rejection. Empasiprubar can prevent neuroglial lymphoconjunctival injury in GM1 antibody mediated mouse models.

• Granzyme K activates the entire complement cascade., PMID:39914456

• Granzyme K drives a newly-intentified pathway of complement activation., PMID:38826230

• Plasmin as a complement C5 convertase., PMID:27077104

• Inhibition of the alternative C3 convertase and classical C5 convertase of complement by group A streptococcal M protein., PMID:2142480

• Formation of high affinity C5 convertase of the classical pathway of complement., PMID:12878586

• The structure of C2b, a fragment of complement component C2 produced during C3 convertase formation., PMID:19237749

• Modulation of classical C3 convertase of complement by tear lactoferrin., PMID:6922088

• Inhibition of c3 convertase activity by hepatitis C virus as an additional lesion in the regulation of complement components., PMID:24983375

• MASP-2, the C3 convertase generating protease of the MBLectin complement activating pathway., PMID:9777418

• The human complement system: assembly of the classical pathway C3 convertase., PMID:6906228

别名

2579031-19-7

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.