




Anti-CD59 antibody ab124396

2 References **2 图像**

概述

产品名称	Anti-CD59抗体
描述	兔多克隆抗体to CD59
宿主	Rabbit
经测试应用	适用于: IHC-P, WB
种属反应性	与反应: Human 预测可用于: Chimpanzee 
免疫原	Recombinant fragment: YNCPNPTADC KTAVNCSSDF DACLITKAGL QVYNKCWKFE HCNFNDVTTR LRENELTYC CKKDLCNFNE QLEN, corresponding to amino acids 29-102 of Human CD59 (BC001506).  Run BLAST with ExPASy  Run BLAST with NCBI
阳性对照	Human fetal brain tissue
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Lyophilized: Add 200ul of sterile distilled water
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 98% PBS, 1% BSA
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee Abpromise™承诺保证使用ab124396于以下的经测试应用

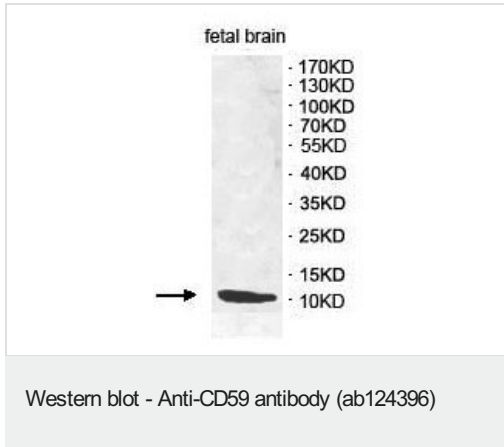
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		1/100 - 1/500.
WB		1/200 - 1/1000. Predicted molecular weight: 14 kDa.

靶标

功能	<p>Potent inhibitor of the complement membrane attack complex (MAC) action. Acts by binding to the C8 and/or C9 complements of the assembling MAC, thereby preventing incorporation of the multiple copies of C9 required for complete formation of the osmolytic pore. This inhibitor appears to be species-specific. Involved in signal transduction for T-cell activation complexed to a protein tyrosine kinase.</p> <p>The soluble form from urine retains its specific complement binding activity, but exhibits greatly reduced ability to inhibit MAC assembly on cell membranes.</p>
疾病相关	<p>Defects in CD59 are the cause of CD59 deficiency (CD59D) [MIM:612300].</p>
序列相似性	<p>Contains 1 UPAR/Ly6 domain.</p>
翻译后修饰	<p>N- and O-glycosylated. The N-glycosylation mainly consists of a family of biantennary complex-type structures with and without lactosamine extensions and outer arm fucose residues. Also significant amounts of triantennary complexes (22%). Variable sialylation also present in the Asn-43 oligosaccharide. The predominant O-glycans are mono-sialylated forms of the disaccharide, Gal-beta-1,3GalNAc, and their sites of attachment are probably on Thr-76 and Thr-77. The GPI-anchor of soluble urinary CD59 has no inositol-associated phospholipid, but is composed of seven different GPI-anchor variants of one or more monosaccharide units. Major variants contain sialic acid, mannose and glucosamine Sialic acid linked to an N-acetylhexosamine-galactose arm is present in two variants.</p> <p>Glycated. Glycation is found in diabetic subjects, but only at minimal levels in nondiabetic subjects. Glycated CD59 lacks MAC-inhibitory function and confers to vascular complications of diabetes.</p>
细胞定位	<p>Cell membrane. Secreted. Soluble form found in a number of tissues.</p>

图片



Anti-CD59 antibody (ab124396) at 1/500 dilution + Human fetal brain

Predicted band size: 14 kDa



ab124396, at 1/100 dilution, staining CD59 in formalin-fixed, paraffin-embedded Human fetal brain tissue by Immunohistochemistry.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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