

Anti-Complement C8 antibody [EPR23646-22] ab273626

重组 RabMAb

1 References [3 图像](#)

概述

产品名称	Anti-Complement C8抗体[EPR23646-22]
描述	兔单克隆抗体[EPR23646-22] to Complement C8
宿主	Rabbit
特异性	This antibody specifically recognizes the Complement component C8 alpha chain.
经测试应用	适用于: WB 不适用于: Flow Cyt, ICC/IF or IHC-P
种属反应性	与反应: Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: HepG2 whole cell lysate; Human plasma.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR23646-22

同种型

IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab273626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
WB		1/1000. Detects a band of approximately 65 kDa (predicted molecular weight: 65 kDa).

应用说明

Is unsuitable for Flow Cyt, ICC/IF or IHC-P.

靶标

功能

Constituent of the membrane attack complex (MAC) that plays a key role in the innate and adaptive immune response by forming pores in the plasma membrane of target cells. C8A inserts into the target membrane, but does not form pores by itself.

疾病相关

Defects in C8A are a cause of complement component 8 deficiency type 1 (C8D1) [MIM:613790]. A rare defect of the complement classical pathway associated with susceptibility to severe recurrent infections, predominantly by *Neisseria gonorrhoeae* or *Neisseria meningitidis*.

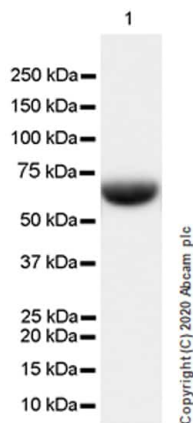
序列相似性

Belongs to the complement C6/C7/C8/C9 family.
Contains 1 EGF-like domain.
Contains 1 LDL-receptor class A domain.
Contains 1 MACPF domain.
Contains 2 TSP type-1 domains.

细胞定位

Secreted. Cell membrane. Secreted as soluble protein. Inserts into the cell membrane of target cells.

图片



Western blot - Anti-Complement C8 antibody [EPR23646-22] (ab273626)

Anti-Complement C8 antibody [EPR23646-22] (ab273626) at 1/1000 dilution + Human plasma at 20 µg

Secondary

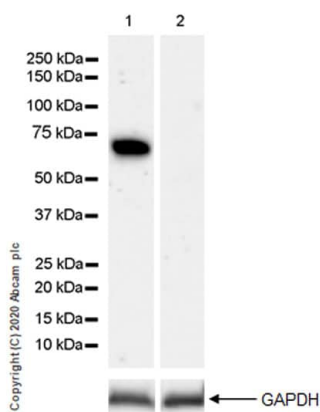
VeriBlot for IP secondary antibody(HRP)([ab131366](#)) at 1/1000 dilution

Predicted band size: 65 kDa

Observed band size: 65 kDa

Blocking and diluting buffer and concentration: 5% NFDm/TBST.

Exposure time: 3 seconds.



Western blot - Anti-Complement C8 antibody [EPR23646-22] (ab273626)

All lanes : Anti-Complement C8 antibody [EPR23646-22] (ab273626) at 1/1000 dilution

Lane 1 : HepG2 (human hepatocellular carcinoma epithelial cell) whole cell lysate

Lane 2 : HEK-293 (human embryonic kidney epithelial cell) whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated ([ab97051](#)) at 1/20000 dilution

Predicted band size: 65 kDa

Observed band size: 65 kDa

Blocking and diluting buffer and concentration: 5% NFDm/TBST.

The molecular weight observed is consistent with what has been described in the literature (PMID: 23869880).

Low expression: HEK-293 (Database: EBI-Expression Atlas, HPA).

Exposure time: 3 seconds.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-Complement C8 antibody [EPR23646-22]
(ab273626)

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

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