

Anti-Factor B antibody ab72658

[2 References](#) [1 图像](#)

概述

产品名称	Anti-Factor B抗体
描述	兔多克隆抗体to Factor B
宿主	Rabbit
特异性	ab72658 detects a fragment from activated Factor B; the Bb fragment, resulting from cleavage adjacent to Lys260.
经测试应用	适用于: WB
种属反应性	与反应: Human 预测可用于: Mouse, Sheep, Chimpanzee, Gorilla, Orangutan 
免疫原	Synthetic peptide: KIVLDPSGSMN IYLVLDGSD , corresponding to amino acids 260-280 of Human Factor B. Run BLAST with Run BLAST with
阳性对照	Extracts from K562 cells, treated with etoposide (25uM, 1hour).
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	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, PBS
纯度	Without Mg ²⁺ and Ca ²⁺ Immunogen affinity purified

克隆 多克隆
同种型 IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用ab72658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		1/500 - 1/1000. Detects a band of approximately 54 kDa (predicted molecular weight: 61 kDa).

靶标

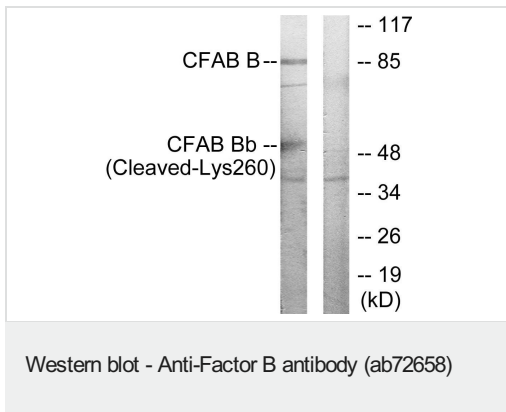
功能 Factor B which is part of the alternate pathway of the complement system is cleaved by factor D into 2 fragments: Ba and Bb. Bb, a serine protease, then combines with complement factor 3b to generate the C3 or C5 convertase. It has also been implicated in proliferation and differentiation of preactivated B-lymphocytes, rapid spreading of peripheral blood monocytes, stimulation of lymphocyte blastogenesis and lysis of erythrocytes. Ba inhibits the proliferation of preactivated B-lymphocytes.

疾病相关 Defects in CFB are a cause of susceptibility to hemolytic uremic syndrome atypical type 4 (AHUS4) [MIM:612924]. An atypical form of hemolytic uremic syndrome. It is a complex genetic disease characterized by microangiopathic hemolytic anemia, thrombocytopenia, renal failure and absence of episodes of enterocolitis and diarrhea. In contrast to typical hemolytic uremic syndrome, atypical forms have a poorer prognosis, with higher death rates and frequent progression to end-stage renal disease. Note=Susceptibility to the development of atypical hemolytic uremic syndrome can be conferred by mutations in various components of or regulatory factors in the complement cascade system. Other genes may play a role in modifying the phenotype.

序列相似性 Belongs to the peptidase S1 family.
Contains 1 peptidase S1 domain.
Contains 3 Sushi (CCP/SCR) domains.
Contains 1 VWFA domain.

细胞定位 Secreted.

图片



All lanes : Anti-Factor B antibody (ab72658) at 1/200 dilution

Lane 1 : Extracts from K562 cells, treated with etoposide (25uM, 1hour)

Lane 2 : Extracts from K562 cells, treated with etoposide (25uM, 1hour) with Cl-peptide at 5 µg

Lysates/proteins at 5 µg per lane.

Predicted band size: 61 kDa

Observed band size: 54,86 kDa

Additional bands at: 40 kDa (possible non-specific binding), 75 kDa. We are unsure as to the identity of these extra bands.

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

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