

# Anti-CD55 antibody [3D5] ab180546

## 1 References

### 概述

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产品名称	Anti-CD55抗体[3D5]
描述	大鼠单克隆抗体[3D5] to CD55
宿主	Rat
经测试应用	适用于: Flow Cyt, WB
种属反应性	与反应: Mouse
免疫原	Tissue, cells or virus corresponding to Mouse CD55. NRK cells expressing transmembrane-anchored mouse complement decay accelerating factor Database link: <a href="#">Q61476</a>

### 常规说明

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.

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

### 性能

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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	Preservative: 0.02% Sodium azide Constituents: 0.1% BSA, 99% PBS
纯度	Protein G purified
克隆	单克隆
克隆编号	3D5
同种型	IgG2a

### 应用

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## The Abpromise guarantee

**Abpromise™** 承诺保证使用ab180546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
Flow Cyt		Use at an assay dependent concentration. <b>ab18450</b> - Rat monoclonal IgG2a, is suitable for use as an isotype control with this antibody.
WB		Use at an assay dependent concentration.

## 靶标

功能	This protein recognizes C4b and C3b fragments that condense with cell-surface hydroxyl or amino groups when nascent C4b and C3b are locally generated during C4 and c3 activation. Interaction of daf with cell-associated C4b and C3b polypeptides interferes with their ability to catalyze the conversion of C2 and factor B to enzymatically active C2a and Bb and thereby prevents the formation of C4b2a and C3bBb, the amplification convertases of the complement cascade.
组织特异性	Expressed on the plasma membranes of all cell types that are in intimate contact with plasma complement proteins. It is also found on the surfaces of epithelial cells lining extracellular compartments, and variants of the molecule are present in body fluids and in extracellular matrix.
序列相似性	Belongs to the receptors of complement activation (RCA) family. Contains 4 Sushi (CCP/SCR) domains.
结构域	The first Sushi domain (SCR1) is not necessary for function. SCR2 and SCR4 provide the proper conformation for the active site on SCR3.
翻译后修饰	The Ser/Thr-rich domain is heavily O-glycosylated.
细胞定位	Cell membrane.

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

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