

Anti-CD18 antibody [MEM-48] - Low endotoxin, Azide free ab46700

1 References **1 图像**

概述

产品名称	Anti-CD18抗体[MEM-48] - Low endotoxin, Azide free
描述	小鼠单克隆抗体[MEM-48] to CD18 - Low endotoxin, Azide free
宿主	Mouse
特异性	The antibody MEM-48 recognizes an epitope involving residues 534-546 in cysteine-rich repeat 3 of the CD18 antigen (integrin $\beta 2$ subunit; $\beta 2$ integrin).
经测试应用	适用于: IHC-P, Flow Cyt
种属反应性	与反应: Human
免疫原	Tissue, cells or virus corresponding to CD18. Leucocytes of a patient suffering from a LGL-type leukaemia.
阳性对照	WB: Kg-1a human leukemia cell lysate
常规说明	Preserved by filter sterilization 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

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.
存储溶液	pH: 7.40 Constituent: PBS
无载体	是
纯度	Multi-step Chromatography
纯化说明	Purified from TCS. Purity >95% by SDS-PAGE.

克隆	单克隆
克隆编号	MEM-48
同种型	IgG1

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab46700于以下的经测试应用

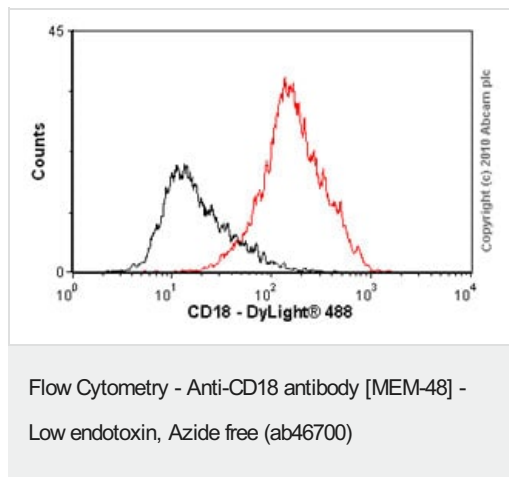
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		Use at an assay dependent concentration.
Flow Cyt		Use 1µg for 10 ⁶ cells. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

靶标

功能	Integrin alpha-L/beta-2 is a receptor for ICAM1, ICAM2, ICAM3 and ICAM4. Integrins alpha-M/beta-2 and alpha-X/beta-2 are receptors for the iC3b fragment of the third complement component and for fibrinogen. Integrin alpha-X/beta-2 recognizes the sequence G-P-R in fibrinogen alpha-chain. Integrin alpha-M/beta-2 recognizes P1 and P2 peptides of fibrinogen gamma chain. Integrin alpha-M/beta-2 is also a receptor for factor X. Integrin alpha-D/beta-2 is a receptor for ICAM3 and VCAM1.
疾病相关	Defects in ITGB2 are the cause of leukocyte adhesion deficiency type 1 (LAD1) [MIM:116920]. LAD1 patients have recurrent bacterial infections and their leukocytes are deficient in a wide range of adhesion-dependent functions.
序列相似性	Belongs to the integrin beta chain family. Contains 1 VWFA domain.
翻译后修饰	Both Ser-745 and Ser-756 become phosphorylated when T-cells are exposed to phorbol esters. Phosphorylation on Thr-758 (but not on Ser-756) allows interaction with 14-3-3 proteins.
细胞定位	Membrane.

图片



Overlay histogram showing peripheral blood lymphocytes stained with ab46700 (red line). The cells were incubated with the antibody (ab46700, 1 µg/1x10⁶ cells) for 30 min at 4°C. The secondary antibody used was DyLight® 488 goat anti-mouse IgG (H&L) (**ab96879**) at 1/200 dilution for 30 min at 4°C. Isotype control antibody (black line) was mouse IgG1 [ICIGG1] (**ab91353**, 2 µg/1x10⁶ cells) used under the same conditions. Acquisition of >5,000 events was performed gating on peripheral blood lymphocytes.

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

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