

# APC Anti-CD18 antibody [MEM-48], prediluted ab40914

## 2 References

### 概述

产品名称	APC Anti-CD18抗体[MEM-48], prediluted
描述	APC小鼠单克隆抗体[MEM-48] to CD18, prediluted
宿主	Mouse
偶联物	APC. Ex: 645nm, Em: 660nm
经测试应用	适用于: Flow Cyt
种属反应性	与反应: Human
免疫原	Tissue, cells or virus corresponding to Human CD18. Leucocytes of a patient suffering from a LGL-type leukaemia
表位	This antibody recognizes an epitope including amino acids 534-546 in the cysteine-rich repeat 3 of the CD18 antigen.
常规说明	<p>The conjugate was purified by size-exclusion chromatography and adjusted for direct use.</p> <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&amp;As</p>

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	<p>pH: 7.4</p> <p>Preservative: 0.097% Sodium azide</p> <p>Constituents: PBS, 0.2% BSA</p>
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ab40914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		

**应用说明** Flow Cyt: Use neat - 20µl reagent/ 100µl of whole blood or  $10^6$  cells in a suspension.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

## 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.

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

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