

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

## 2 References

### 製品の概要

製品名	APC Anti-CD18 antibody [MEM-48], prediluted
製品の詳細	APC Mouse monoclonal [MEM-48] to CD18, prediluted
由来種	Mouse
標識	APC. Ex: 645nm, Em: 660nm
アプリケーション	<b>適用あり:</b> Flow Cyt
種交差性	<b>交差種:</b> Human
免疫原	Tissue, cells or virus corresponding to Human CD18. Leucocytes of a patient suffering from a LGL-type leukaemia
エピトープ	This antibody recognizes an epitope including amino acids 534-546 in the cysteine-rich repeat 3 of the CD18 antigen.
特記事項	<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>

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C.
バッファー	pH: 7.4 Preservative: 0.097% Sodium azide Constituents: PBS, 0.2% BSA
ポリ/モノ	モノクローナル
クローン名	MEM-48
アイソタイプ	IgG1

## アプリケーション

**The Abpromise guarantee** Abpromise保証は、次のテスト済みアプリケーションにおけるab40914の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
Flow Cyt		

**追加情報** Flow Cyt: Use neat - 20µl reagent/ 100µl of whole blood or 10<sup>6</sup> cells in a suspension.  
  
Not yet tested in other applications.  
Optimal dilutions/concentrations should be determined by the end user.

## ターゲット情報

<b>機能</b>	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.
<b>関連疾患</b>	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.
<b>配列類似性</b>	Belongs to the integrin beta chain family. Contains 1 VWFA domain.
<b>翻訳後修飾</b>	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.
<b>細胞内局在</b>	Membrane.

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

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