


# Anti-CD18 antibody ab131044

**5 References**   **2 图像**

### 概述

产品名称	Anti-CD18抗体
描述	兔多克隆抗体to CD18
宿主	Rabbit
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Human 预测可用于: Mouse 
免疫原	Synthetic peptide corresponding to a sequence at the C terminal of Human CD18, identical to the related Mouse sequences, different from the related Rat sequences.
阳性对照	WB: Jurkat, CEM, HT1080, SMMc and HeLa whole cell lysate ( <a href="#">ab150035</a> ). IHC-P: Human Mammary Cancer Tissue
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&amp;As</p>

### 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	Preservatives: 0.025% Sodium azide, 0.025% Thimerosal (merthiolate) Constituents: 2.5% BSA, 0.45% Sodium chloride, 0.1% Dibasic monohydrogen sodium phosphate
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

## 应用

### The Abpromise guarantee

**Abpromise™**承诺保证使用ab131044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		Use a concentration of 0.1 - 0.5 µg/ml. Predicted molecular weight: 84 kDa.
IHC-P		Use a concentration of 0.5 - 1 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

## 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.

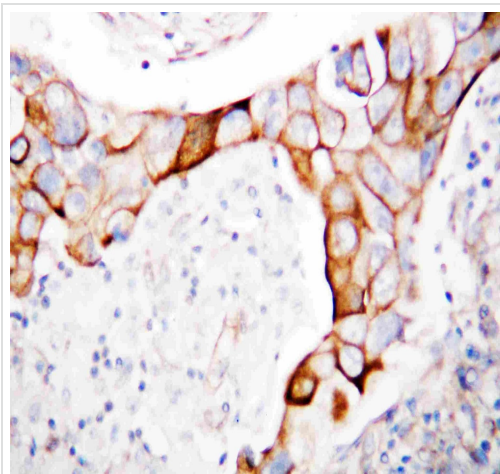
### 翻译后修饰

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



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD18 antibody (ab131044)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of Human Mammary Cancer Tissue at 1 µg/ml.



Western blot - Anti-CD18 antibody (ab131044)

**All lanes :** Anti-CD18 antibody (ab131044) at 0.1 µg/ml

**Lane 1 :** Jurkat cell lysate

**Lane 2 :** CEM cell lysate

**Lane 3 :** HT1080 cell lysate

**Lane 4 :** SMMc cell lysate

**Lane 5 :** HeLa cell lysate

**Predicted band size:** 84 kDa

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

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