abcam

Product datasheet

Anti-CD18 antibody [WT.3] (Biotin) ab111945

1 References 1 图像

概述

产品名称	Anti-CD18抗体[WT.3] (Biotin)
描述	小鼠单克隆抗体[WT.3] to CD18 (Biotin)
宿主	Mouse
偶联物	Biotin
特异性	ab111945 also recognizes MAC-1 and p150, 95 as well as CD18, since they all contain the same beta subunit. It inhibits homeotypic aggregation of PHA blasts and blocks the binding of rat lymphocytes to purified rat ICAM-1
经测试应用	**适用于:** IHC-Fr, Flow Cyt, IP, Functional Studies
种属反应性	**与反应:** Rat
免疫原	Rat CD18
阳性对照	Thymus cells from Rat Strain Wistar

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.09% Sodium azide Constituents: 99.41% PBS, 0.5% BSA
纯度	IgG fraction
克隆	单克隆
克隆编号	WT.3
同种型	IgG1

应用

The Abpromise guarantee	**Abpromise™承诺保证使用ab111945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-Fr		Use at an assay dependent concentration.
Flow Cyt		Use 1µg for 10^6 cells. **ab18434** - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
IP		Use at an assay dependent concentration.
Functional Studies		Use at an assay dependent concentration.

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.

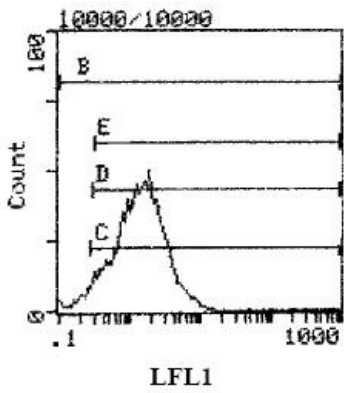
疾病相关 Defects in ITGB2 are the cause of leukocyte adhesion deficiency type 1 (LAD1) [MIM:116920]. LAD1 patients have recurrent bacterial infections and their leukocytes are deficient in a wide range of adhesion-dependent functions.

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



Flow Cytometry - Anti-CD18 antibody [WT.3] (Biotin) (ab111945)

ab111945 at 1.0 µg/10^6 cells detecting CD18 in Wistar Rat thymus cells by Flow Cytometry. 94.5% more of the cells were stained than in the control (Biotin Mouse IgG1).

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.cn/abpromise** or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors