

## Product datasheet

# Anti-CD11b antibody [VIM12] (FITC) ab23604

### 概述

产品名称	Anti-CD11b抗体[VIM12] (FITC)
描述	小鼠单克隆抗体[VIM12] to CD11b (FITC)
宿主	Mouse
偶联物	FITC. Ex: 493nm, Em: 528nm
特异性	The CR3 alpha chain of the CD11b/CD18 (g165,95) integrin heterodimer.
经测试应用	<b>适用于:</b> Flow Cyt
种属反应性	<b>与反应:</b> Human
免疫原	Heavily glycosylated portion of the C-terminal region of CD11b.

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C. Do Not Freeze.
存储溶液	Preservative: 0.1% Sodium azide Constituents: PBS, 1% BSA
纯化说明	Purification by IEP (immunoelectrophoresis).
克隆	单克隆
克隆编号	VIM12
同种型	IgG1

### 应用

Our [Abpromise guarantee](#) covers the use of **ab23604** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
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Flow Cyt

应用说明	Flow Cyt: Use 5µg for 10 <sup>6</sup> cells. Excitation 488 nm, Peak emission 525 nm.  Not tested in other applications.
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Optimal dilutions/concentrations should be determined by the end user.

## 靶标

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<b>功能</b>	Integrin alpha-M/beta-2 is implicated in various adhesive interactions of monocytes, macrophages and granulocytes as well as in mediating the uptake of complement-coated particles. It is identical with CR-3, the receptor for the iC3b fragment of the third complement component. It probably recognizes the R-G-D peptide in C3b. Integrin alpha-M/beta-2 is also a receptor for fibrinogen, factor X and ICAM1. It recognizes P1 and P2 peptides of fibrinogen gamma chain.
<b>组织特异性</b>	Predominantly expressed in monocytes and granulocytes.
<b>疾病相关</b>	Genetic variations in ITGAM has been associated with susceptibility to systemic lupus erythematosus type 6 (SLEB6) [MIM:609939]. Systemic lupus erythematosus (SLE) is a chronic, inflammatory and often febrile multisystemic disorder of connective tissue. It affects principally the skin, joints, kidneys and serosal membranes. It is thought to represent a failure of the regulatory mechanisms of the autoimmune system.
<b>序列相似性</b>	Belongs to the integrin alpha chain family. Contains 7 FG-GAP repeats. Contains 1 VWFA domain.
<b>结构域</b>	The integrin I-domain (insert) is a VWFA domain. Integrins with I-domains do not undergo protease cleavage.
<b>细胞定位</b>	Membrane.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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