

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	适用于: Flow Cyt
种属反应性	与反应: 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 ⁶ 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

功能	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.
组织特异性	Predominantly expressed in monocytes and granulocytes.
疾病相关	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.
序列相似性	Belongs to the integrin alpha chain family. Contains 7 FG-GAP repeats. Contains 1 VWFA domain.
结构域	The integrin I-domain (insert) is a VWFA domain. Integrins with I-domains do not undergo protease cleavage.
细胞定位	Membrane.

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