

Anti-CD11b antibody [2F4/11] (FITC) ab34444

製品の概要

製品名	Anti-CD11b antibody [2F4/11] (FITC)
製品の詳細	Mouse monoclonal [2F4/11] to CD11b (FITC)
標識	FITC. Ex: 493nm, Em: 528nm
特異性	ab34444 is expressed on granulocytes, monocytes and alveolar macrophages, but not on lymphocytes, erythrocytes or platelets.
アプリケーション	適用あり: Flow Cyt
種交差性	交差種: Pig
免疫原	Tissue, cells or virus corresponding to Pig CD11b. Immunogen is Porcine alveolar macrophages.
ポジティブ・コントロール	CD11b marker is expressed on granulocytes, monocytes and alveolar macrophages.
特記事項	ab34444 is reported to block phagocytosis of complement-opsonised zymosan particles by polymononuclear granulocytes and alveolar macrophages.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Store In the Dark.
バッファー	Preservative: 0.09% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
精製度	Protein G purified
一次抗体 備考	ab34444 is reported to block phagocytosis of complement-opsonised zymosan particles by polymononuclear granulocytes and alveolar macrophages.
ポリ/モノ	モノクローナル
クローン名	2F4/11
ミエローマ	x63-Ag8.653
アイソタイプ	IgG1

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab34444** in the following tested applications.

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

アプリケーション	Abreviews	特記事項
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Flow Cyt

1/10.

Neat - 1/10. Use 10µl of the suggested working dilution to 1x10⁶ cells in 100µl.

[ab91356](#)-Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

ターゲット情報

機能

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.

組織特異性

Predominantly expressed in monocytes and granulocytes.

関連疾患

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.

配列類似性

Belongs to the integrin alpha chain family.

Contains 7 FG-GAP repeats.

Contains 1 VWFA domain.

ドメイン

The integrin I-domain (insert) is a VWFA domain. Integrins with I-domains do not undergo protease cleavage.

細胞内局在

Membrane.

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