

Recombinant Human CD11b protein ab126010

1 References

描述

产品名称	重组人CD11b蛋白
纯度	> 60 % SDS-PAGE. Purified via His tag
表达系统	Escherichia coli
Accession	<u>P11215</u>
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Human
预测分子量	29 kDa
氨基酸	567 to 825

技术指标

Our **Abpromise guarantee** covers the use of **ab126010** in the following tested applications.

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

应用	SDS-PAGE
形式	Lyophilized

制备和贮存

稳定性和存储	Shipped at 4°C. Store at -20°C. Constituents: 0.32% Tris HCl, 0.58% Sodium chloride
复溶	Reconstitute with water to desired concentration.

常规信息

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
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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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