

PE/Cy7® Anti-CD41 antibody [MWReg30] ab95726

[4 References](#) [1 图像](#)

概述

产品名称	PE/Cy7® Anti-CD41抗体[MWReg30]
描述	PE/Cy7®大鼠单克隆抗体[MWReg30] to CD41
宿主	Rat
偶联物	PE/Cy7®. Ex: 496nm, Em: 774nm
经测试应用	适用于: Flow Cyt
种属反应性	与反应: Mouse
免疫原	Tissue, cells or virus corresponding to Mouse CD41. Mouse platelets
阳性对照	Mouse platelets
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	pH: 7.20 Preservative: 0.09% Sodium azide Constituents: 0.1% Gelatin, PBS
纯度	Protein G purified
克隆	单克隆
克隆编号	MWReg30
同种型	IgG1
轻链类型	kappa

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab95726于以下的经测试应用

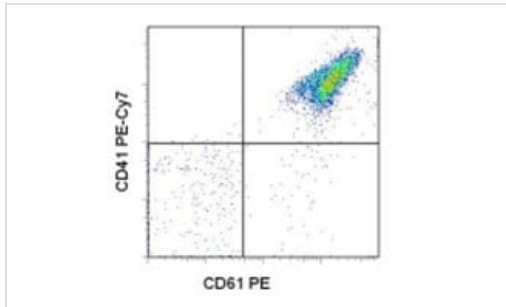
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt		Use 0.25-0.5µg for 10 ⁵⁻⁸ cells. A final volume of 100µl is recommended. ab154459 Rat monoclonal IgG1 is suitable for use as an

靶标

功能	Integrin alpha-IIb/beta-3 is a receptor for fibronectin, fibrinogen, plasminogen, prothrombin, thrombospondin and vitronectin. It recognizes the sequence R-G-D in a wide array of ligands. It recognizes the sequence H-H-L-G-G-A-K-Q-A-G-D-V in fibrinogen gamma chain. Following activation integrin alpha-IIb/beta-3 brings about platelet/platelet interaction through binding of soluble fibrinogen. This step leads to rapid platelet aggregation which physically plugs ruptured endothelial cell surface.
组织特异性	Isoform 1 and isoform 2 were identified in platelets and megakaryocytes, but not in reticulocytes or in Jurkat and U937 white blood cell line. Isoform 3 is expressed by leukemia, prostate adenocarcinoma and melanoma cells but not by platelets or normal prostate or breast epithelial cells.
疾病相关	Defects in ITGA2B are a cause of Glanzmann thrombasthenia (GT) [MIM:273800]; also known as thrombasthenia of Glanzmann and Naegeli. GT is the most common inherited disease of platelets. It is an autosomal recessive disorder characterized by mucocutaneous bleeding of mild-to-moderate severity and the inability of this integrin to recognize macromolecular or synthetic peptide ligands. GT has been classified clinically into types I and II. In type I, platelets show absence of the glycoprotein IIb/beta-3 complexes at their surface and lack fibrinogen and clot retraction capability. In type II, the platelets express the glycoprotein IIb/beta-3 complex at reduced levels (5-20% controls), have detectable amounts of fibrinogen, and have low or moderate clot retraction capability. The platelets of GT 'variants' have normal or near normal (60-100%) expression of dysfunctional receptors.
序列相似性	Belongs to the integrin alpha chain family. Contains 7 FG-GAP repeats.
细胞定位	Membrane.

图片



Staining of mouse platelets with anti-Mouse CD61 PE and 0.25 μ g of ab95726.

Flow Cytometry - PE/Cy7[®] Anti-CD41 antibody
[MWRReg30] (ab95726)

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

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