

### Anti-CD41 antibody [MWReg30] ab33661

★★★★★ **9 Abreviews** **23 References**

#### 概述

产品名称	Anti-CD41抗体[MWReg30]
描述	大鼠单克隆抗体[MWReg30] to CD41
宿主	Rat
特异性	ab33661 recognizes integrin alpha IIb subunit CD41
经测试应用	<b>适用于:</b> Flow Cyt
种属反应性	<b>与反应:</b> Mouse
免疫原	The details of the immunogen for this antibody are not available.
常规说明	The azide free version is <b><a href="#">ab94960</a></b> .
	Clone MWReg30 has been reported to inhibit PMA induced aggregation in vitro and to induce hypothermia in vivo.
	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.
	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

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
存储溶液	pH: 7.40 Preservative: 0.09% Sodium azide Constituent: PBS
纯度	Protein G purified
纯化说明	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Primary antibody说明	Clone MWReg30 has been reported to inhibit PMA induced aggregation in vitro and to induce

	hypothermia in vivo.
克隆	单克隆
克隆编号	MWReg30
同种型	IgG1

## 应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab33661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	★★★★★ (1)	1/50 - 1/100. Use 10µl of the suggested working dilution to label 10 <sup>6</sup> cells in 100µl.

## 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.

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

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- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
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