

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

4 References [画像数 1](#)

#### 製品の概要

製品名	PE/Cy7® Anti-CD41 antibody [MWReg30]
製品の詳細	PE/Cy7® Rat monoclonal [MWReg30] to CD41
由来種	Rat
標識	PE/Cy7®. Ex: 496nm, Em: 774nm
アプリケーション	<b>適用あり:</b> Flow Cyt
種交差性	<b>交差種:</b> Mouse
免疫原	Tissue, cells or virus corresponding to Mouse CD41. Mouse platelets
ポジティブ・コントロール	Mouse platelets
特記事項	<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&amp;As</p>

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C.
バッファー	<p>pH: 7.20</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituents: 0.1% Gelatin, PBS</p>
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	MWReg30
アイソタイプ	IgG1
軽鎖の種類	kappa

## アプリケーション

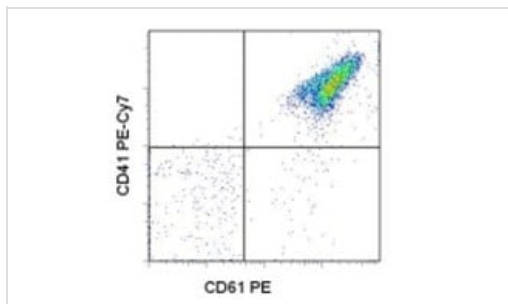
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab95726の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
Flow Cyt		Use 0.25-0.5µg for 10 <sup>5-8</sup> cells. A final volume of 100µl is recommended.  <b>ab154459</b> Rat monoclonal IgG1 is suitable for use as an

## ターゲット情報

機能	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.
組織特異性	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.
関連疾患	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.
配列類似性	Belongs to the integrin alpha chain family. Contains 7 FG-GAP repeats.
細胞内局在	Membrane.

## 画像



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

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

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

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