

APC Anti-CD41 antibody [MEM-06] ab55866

画像数 1

製品の概要

製品名	APC Anti-CD41 antibody [MEM-06]
製品の詳細	APC Mouse monoclonal [MEM-06] to CD41
由来種	Mouse
標識	APC. Ex: 645nm, Em: 660nm
アプリケーション	適用あり: Flow Cyt
種交差性	交差種: Human
免疫原	Tissue, cells or virus corresponding to Human CD41. Leukocytes of patient suffering from LGL-type leukaemia.
ポジティブ・コントロール	Flow Cyt: Human 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&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	pH: 7.4 Preservative: 0.097% Sodium azide Constituents: 0.2% BSA, PBS
精製度	Size exclusion
ポリ/モノ	モノクローナル
クローン名	MEM-06
アイソタイプ	IgG1

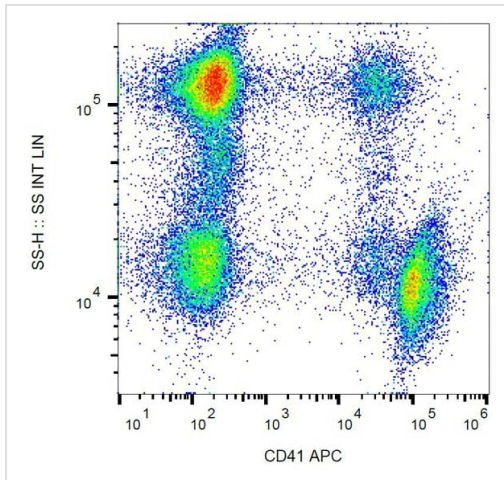
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab55866の使用に適用されず**
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Flow Cyt		Use 10µl for 10 ⁶ cells. Use 10µl for 10 ⁶ cells in a suspension, or 100µl of whole blood. The content of a vial (1 ml) is sufficient for 100 tests. ab37391 - 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-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



Surface staining of human platelets with ab55866.

Flow Cytometry - APC Anti-CD41 antibody [MEM-06] (ab55866)

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