

# Anti-CD42d/GP5 antibody [1C2] ab95780

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## Overview

<b>Product name</b>	Anti-CD42d/GP5 antibody [1C2]
<b>Description</b>	Armenian hamster monoclonal [1C2] to CD42d/GP5
<b>Host species</b>	Armenian hamster
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse
<b>Immunogen</b>	Tissue, cells or virus corresponding to Mouse CD42d/GP5. (C57BL/6 x DBA/2)F1 mouse platelets
<b>Positive control</b>	Mouse platelets
<b>General notes</b>	<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>

## Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	<p>pH: 7.20</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituent: 2.68% PBS</p>
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	1C2
<b>Isotype</b>	IgG

## Applications

## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab95780 in the following tested applications.

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

Application	Abreviews	Notes
Flow Cyt		Use 0.125-0.25µg for 10 <sup>5-8</sup> cells. Staining the cell sample in a final volume of 100 µl is recommended.

## Target

### Function

The GPIb-V-IX complex functions as the vWF receptor and mediates vWF-dependent platelet adhesion to blood vessels. The adhesion of platelets to injured vascular surfaces in the arterial circulation is a critical initiating event in hemostasis.

### Tissue specificity

Platelets and megakaryocytes.

### Sequence similarities

Contains 13 LRR (leucine-rich) repeats.  
Contains 1 LRRCT domain.  
Contains 1 LRRNT domain.

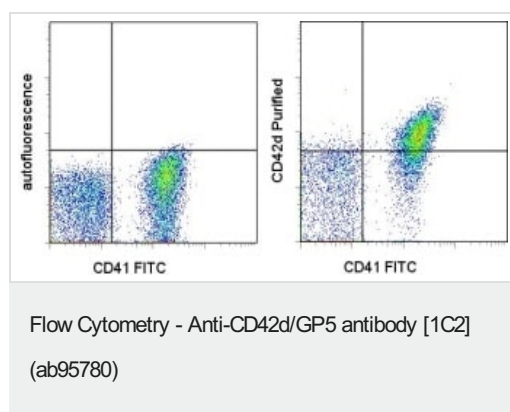
### Post-translational modifications

The N-terminus is blocked.

### Cellular localization

Membrane.

## Images



Flow cytometric staining of mouse platelets with Anti-Mouse CD41 FITC and 0.125µg of Armenian Hamster IgG Isotype Control Purified (left) or 0.125µg of ab95780 (right) followed by Anti-Armenian Hamster IgG PE. Total events were used for analysis.

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

## Our Abpromise to you: Quality guaranteed and expert technical support

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- We investigate all quality concerns to ensure our products perform to the highest standards

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