

## Product datasheet

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

2 References 1 Image

### 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, Rat
<b>Immunogen</b>	Tissue, cells or virus corresponding to Mouse CD42d/GP5.
<b>Positive control</b>	Mouse platelets
<b>General notes</b>	This product was previously labelled as CD42d

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

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, as well as customer reviews and Q&As.

### 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>	pH: 7.20 Preservative: 0.09% Sodium azide Constituent: 2.68% PBS
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	1C2
<b>Isotype</b>	IgG

## Applications

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.

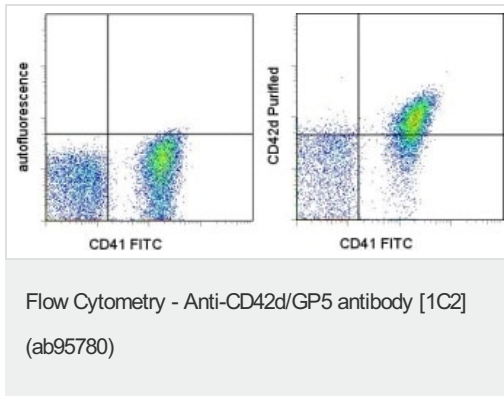
Application	Abreviews	Notes
Flow Cyt		Use 0.125-0.25µg for 10 <sup>5-8</sup> cells. Staining the cell sample in a final volume of 100 µl is recommended.

[ab18479](#) - Armenian Hamster monoclonal IgG, is suitable for use as an isotype control with this antibody.

## Target

<b>Function</b>	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.
<b>Tissue specificity</b>	Platelets and megakaryocytes.
<b>Sequence similarities</b>	Contains 13 LRR (leucine-rich) repeats. Contains 1 LRRCT domain. Contains 1 LRRNT domain.
<b>Post-translational modifications</b>	The N-terminus is blocked.
<b>Cellular localization</b>	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

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- 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
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

### Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors