

Product datasheet

Anti-PR3 antibody [PR3G-2] (FITC) ab65255

[1 References](#) [1 Image](#)

Overview

Product name	Anti-PR3 antibody [PR3G-2] (FITC)
Description	Mouse monoclonal [PR3G-2] to PR3 (FITC)
Host species	Mouse
Conjugation	FITC. Ex: 493nm, Em: 528nm
Specificity	This antibody does not inhibit the biological activity of PR3.
Tested applications	Suitable for: WB, IHC-Fr, Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Tissue/ cell preparation (Human): a crude granule extract.
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>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.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>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.</p> <p>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.</p> <p>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.</p>

Properties

Form	Liquid
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Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	Preservative: 0.02% Sodium azide Constituents: PBS, 1% BSA
Purity	Protein G purified
Clonality	Monoclonal
Clone number	PR3G-2
Isotype	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab65255** in the following tested applications.

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

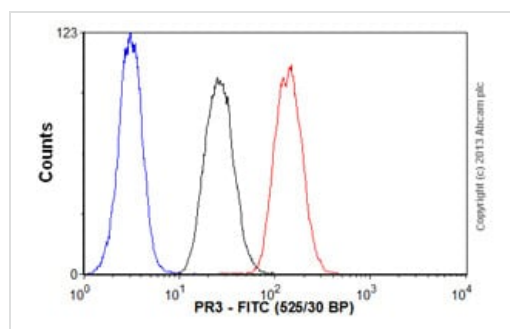
Application	Abreviews	Notes
WB		1/50. Predicted molecular weight: 28 kDa.
IHC-Fr		1/50.
Flow Cyt		Use 0.5µg for 10 ⁶ cells. ab91356 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

Target

Function Polymorphonuclear leukocyte serine protease that degrades elastin, fibronectin, laminin, vitronectin, and collagen types I, III, and IV (in vitro) and causes emphysema when administered by tracheal insufflation to hamsters.

Sequence similarities Belongs to the peptidase S1 family. Elastase subfamily.
Contains 1 peptidase S1 domain.

Images



Flow Cytometry - Anti-PR3 antibody [PR3G-2] (FITC) (ab65255)

Overlay histogram showing THP1 cells stained with ab65255 (red line). The cells were fixed with 80% methanol (5 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (ab65255, 0.5µg/1x10⁶ cells) for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG1 [MOPC-21] (FITC) ([ab18435](#), 0.5µg/1x10⁶ cells) used under the same conditions. Unlabelled sample (blue line). Acquisition of >5,000 events were collected using a 20mW Argon ion laser (488nm) and 525/30 bandpass filter.

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

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