

Product datasheet

Anti-PR3 antibody [WGM2] (FITC) ab91182

1 Image

Overview

Product name	Anti-PR3 antibody [WGM2] (FITC)
Description	Mouse monoclonal [WGM2] to PR3 (FITC)
Host species	Mouse
Conjugation	FITC. Ex: 493nm, Em: 528nm
Tested applications	Suitable for: WB, IHC-P, IHC-Fr, Flow Cyt, ELISA
Species reactivity	Reacts with: Human
Immunogen	neutrophils (degranulated supernatant)human
General notes	Blocks PR3 activity and partially inhibits the binding of human PR3-ANCA to PR3.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	Preservative: 0.02% Sodium Azide Constituents: 0.1% BSA, PBS
Purity	Protein G purified
Purification notes	0.2 µm filtered antibody solution
Primary antibody notes	Blocks PR3 activity and partially inhibits the binding of human PR3-ANCA to PR3.
Clonality	Monoclonal
Clone number	WGM2
Isotype	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab91182** in the following tested applications.

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

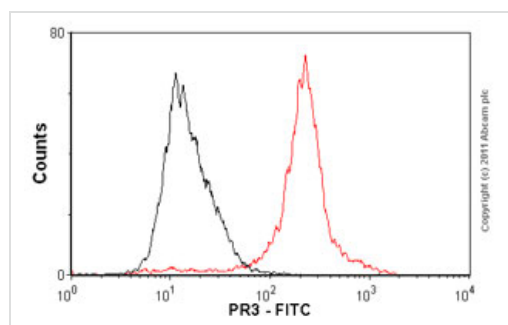
Application	Abreviews	Notes
WB		1/10. Predicted molecular weight: 28 kDa.
IHC-P		1/10.
IHC-Fr		1/10.
Flow Cyt		Use 5µl for 10 ⁶ cells. ab91356 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
ELISA		Use at an assay dependent concentration.

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 [WGM2] (FITC)
(ab91182)

Overlay histogram showing peripheral blood lymphocytes cells stained with ab91182 (red line). The cells were fixed with 4% paraformaldehydel (10 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 (ab91182, 0.5µg/1x10⁶ cells) for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG1 (1µg/1x10⁶ cells). Acquisition of >5,000 events was performed.

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