

Anti-PR3 antibody [EPR23253-35] ab270441

リコンビナント **RabMAb**

★★★★★ **1 Abreviews** **2 References** 画像数 9

製品の概要

製品名	Anti-PR3 antibody [EPR23253-35]
製品の詳細	Rabbit monoclonal [EPR23253-35] to PR3
由来種	Rabbit
アプリケーション	適用あり: ICC/IF, IHC-P 適用なし: Flow Cyt, IP or WB
種交差性	交差種: Mouse, Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	IHC-P: Human bone marrow, lung, spleen and placenta tissue; Mouse lung and spleen tissue. ICC/IF: HL-60, Mouse bone marrow cells.
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
バッファー	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR23253-35

アイソタイプIgG

アプリケーション

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ab270441の使用に適用されます
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
ICC/IF		1/100.
IHC-P	★★★★★ (1)	1/100. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

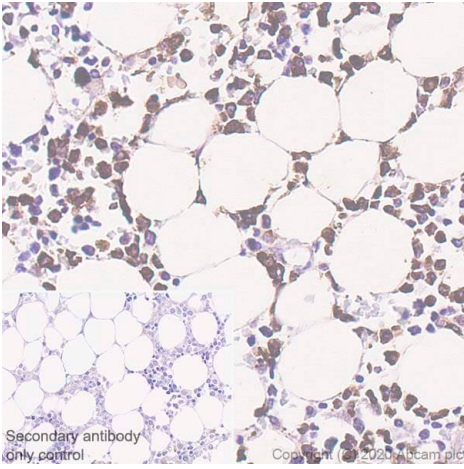
追加情報Is unsuitable for Flow Cyt,IP or WB.

ターゲット情報

機能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.

配列類似性Belongs to the peptidase S1 family. Elastase subfamily.
Contains 1 peptidase S1 domain.

画像



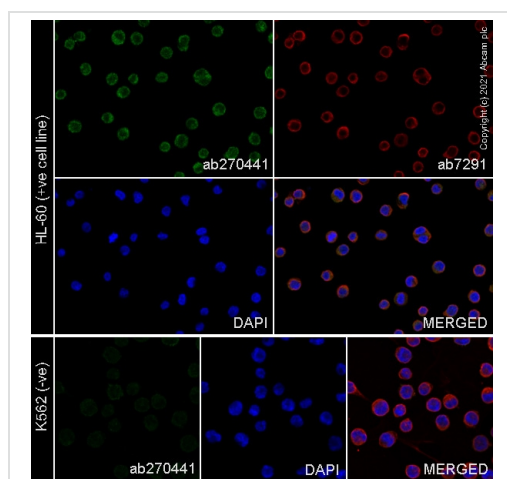
Secondary antibody only control

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PR3 antibody [EPR23253-35] (ab270441)

Immunohistochemical analysis of paraffin-embedded Human bone marrow tissue labeling PR3 with ab270441 at 1/100 dilution followed by a ready to use LeicaDS9800 (Bond™, Polymer Refine Detection) was used. Positive staining on human bone marrow (PMID: 22247758).The section was incubated with ab270441 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use LeicaDS9800 (Bond™, Polymer Refine Detection) was used.

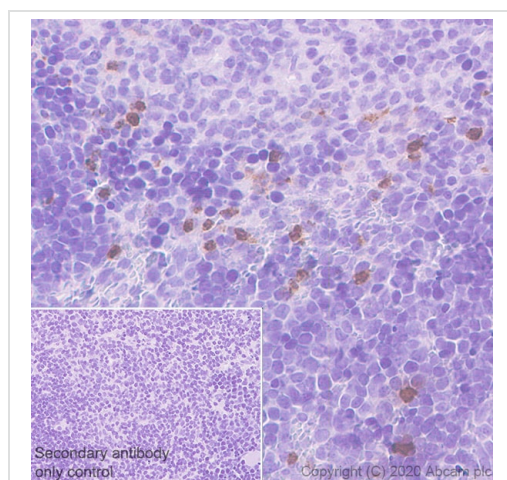
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution2) for 20 mins.



Immunocytochemistry/ Immunofluorescence - Anti-PR3 antibody [EPR23253-35] (ab270441)

ab270441 staining PR3 in HL-60 cells, with negative expression in K562 cells. The cells were fixed with 4% formaldehyde (10 min), permeabilised with 0.1% Triton x-100 for 5 minutes and then blocked with 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween for 1h. The cells were then incubated overnight at +4°C with ab270441 at 5 µg/ml and **ab7291**, Mouse monoclonal [DM1A] to alpha Tubulin at 0.5 µg/ml. Cells were then incubated with **ab150081**, Goat polyclonal Secondary Antibody to Rabbit IgG - H&L (Alexa Fluor® 488), pre-adsorbed at 1/1000 dilution (shown in green) and **ab150119**, Goat polyclonal Secondary Antibody to Mouse IgG - H&L (Alexa Fluor® 647), pre-adsorbed at 1/1000 dilution (shown in red). Nuclear DNA was labelled with DAPI (shown in blue).

Image was acquired with a confocal microscope (Leica-Microsystems TCS SP8) and a single confocal section is shown.

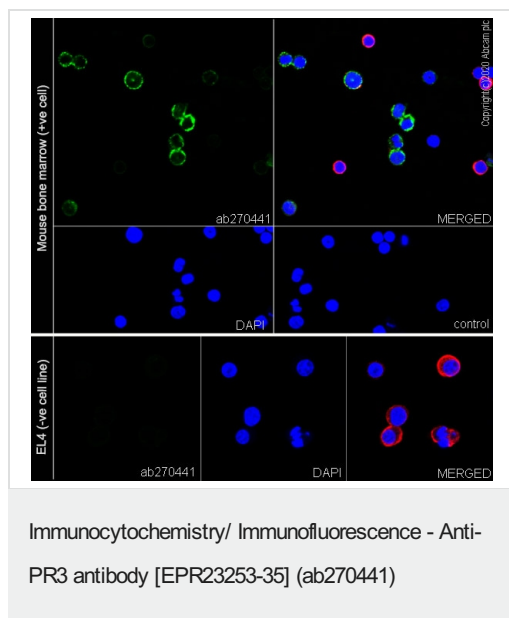


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PR3 antibody [EPR23253-35] (ab270441)

Immunohistochemical analysis of paraffin-embedded Mouse spleen tissue labeling PR3 with ab270441 at 1/2000 dilution followed by a ready to use LeicaDS9800 (Bond™, Polymer Refine Detection) was used. Positive staining on neutrophils in mouse spleen. The section was incubated with ab270441 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument. Counterstained with Hematoxylin.

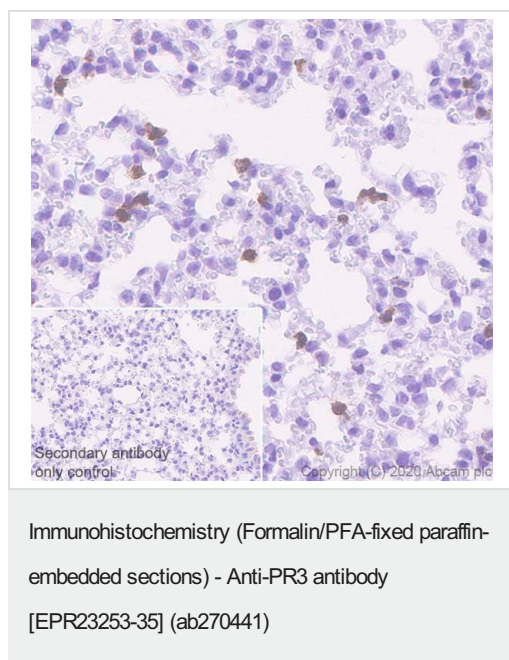
Secondary antibody only control: Secondary antibody is a ready to use LeicaDS9800 (Bond™, Polymer Refine Detection) was used.

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution2) for 20 mins.



Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% TritonX-100 permeabilized mouse bone marrow or EL4 cells labelling PR3 with ab270441 at 1/100 dilution, followed by **ab150077** Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) antibody at 1/1000 dilution (Green). Confocal image showing membranous and cytoplasmic staining in a subset of mouse bone marrow cells. **Negative control:** EL4 (PMID: 9211743). **ab195889** Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) was used to counterstain tubulin at 1/200 dilution (Red). The Nuclear counterstain was DAPI (Blue).

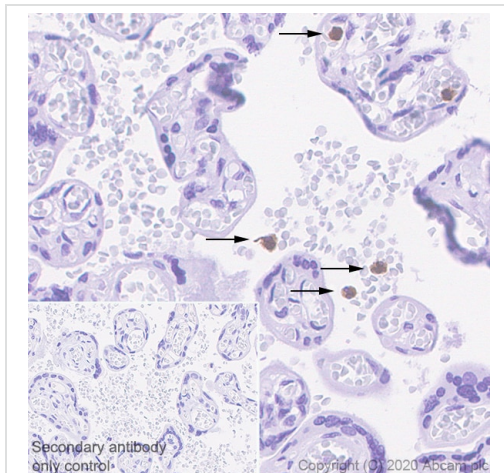
Secondary antibody only control: Secondary antibody is **ab150077** Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) at 1/1000 dilution.



Immunohistochemical analysis of paraffin-embedded Mouse lung tissue labeling PR3 with ab270441 at 1/2000 dilution followed by a ready to use LeicaDS9800 (Bond™, Polymer Refine Detection) was used. Positive staining on neutrophils in mouse lung (PMID: 22247758). The section was incubated with ab270441 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use LeicaDS9800 (Bond™, Polymer Refine Detection) was used.

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution2) for 20 mins.

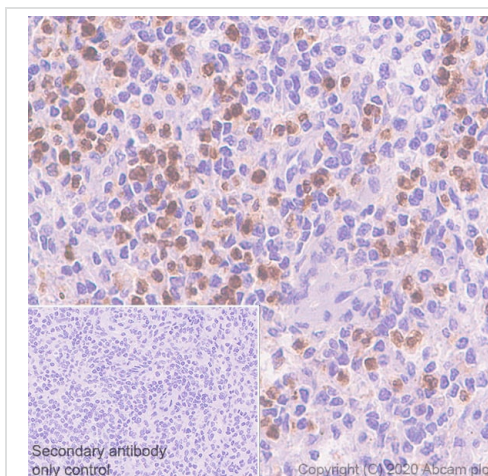


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PR3 antibody [EPR23253-35] (ab270441)

Immunohistochemical analysis of paraffin-embedded Human placenta tissue labeling PR3 with ab270441 at 1/100 dilution followed by a ready to use LeicaDS9800 (Bond™, Polymer Refine Detection) was used. Positive staining on neutrophils in human placenta. The section was incubated with ab270441 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use LeicaDS9800 (Bond™, Polymer Refine Detection) was used.

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution2) for 20 mins.

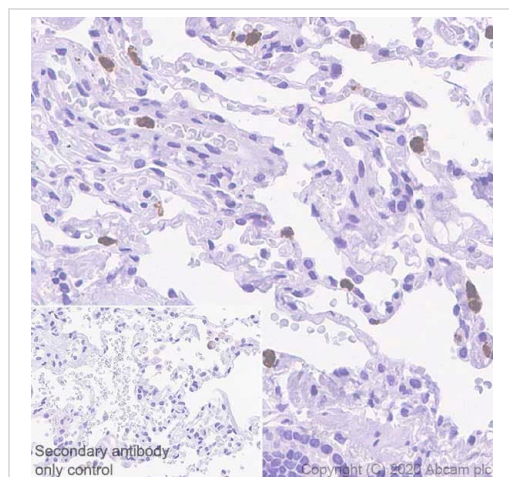


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PR3 antibody [EPR23253-35] (ab270441)

Immunohistochemical analysis of paraffin-embedded Human spleen tissue labeling PR3 with ab270441 at 1/100 dilution followed by a ready to use LeicaDS9800 (Bond™, Polymer Refine Detection) was used. Positive staining on neutrophils in human spleen. The section was incubated with ab270441 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument. Counterstained with Hematoxylin.

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Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution2) for 20 mins.

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

Anti-PR3 antibody [EPR23253-35] (ab270441)

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