

Product datasheet

Anti-PR3 antibody [EPR6277] ab133613

Recombinant RabMAb

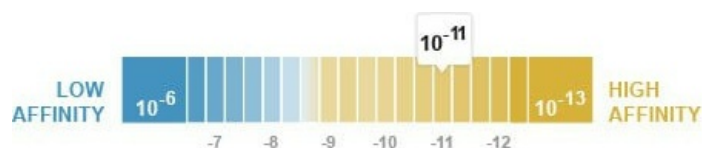
[4 References](#) [4 Images](#)

Overview

Product name	Anti-PR3 antibody [EPR6277]
Description	Rabbit monoclonal [EPR6277] to PR3
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P Unsuitable for: Flow Cyt, ICC/IF or IP
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	HL60 and Human spleen lysates; Human kidney tissue
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <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 <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Dissociation constant (K_D)	K _D = 5.30 x 10 ⁻¹¹ M



[Learn more about K_D](#)

Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR6277
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab133613 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		1/1000 - 1/10000. Detects a band of approximately 29 kDa (predicted molecular weight: 27 kDa).
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

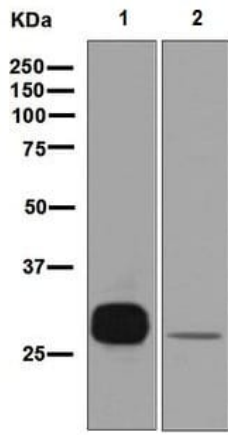
Application notes Is unsuitable for Flow Cyt, ICC/IF or IP.

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



Western blot - Anti-PR3 antibody [EPR6277]
(ab133613)

All lanes : Anti-PR3 antibody [EPR6277] (ab133613) at 1/1000 dilution

Lane 1 : HL60 lysate

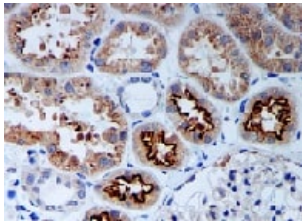
Lane 2 : Human spleen lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

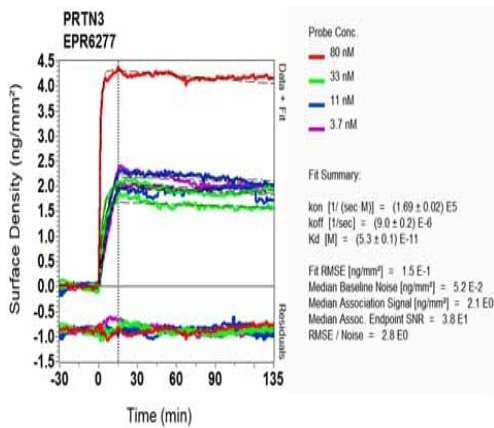
Predicted band size: 27 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PR3 antibody [EPR6277]
(ab133613)

Immunohistochemical analysis of PR3 in paraffin embedded Human kidney tissue labelled with ab133613 at a 1/100 dilution.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



OIR-D Scanning - Anti-PR3 antibody [EPR6277]
(ab133613)

Equilibrium disassociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-PR3 antibody [EPR6277] (ab133613)

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

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