

Product datasheet

Anti-Pentraxin 3/PTX3 antibody [EPR6699] ab125007

Recombinant RabMAb

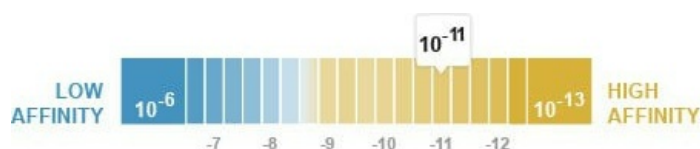
★★★★★ [1 Abreviews](#) [8 References](#) [5 Images](#)

Overview

Product name	Anti-Pentraxin 3/PTX3 antibody [EPR6699]
Description	Rabbit monoclonal [EPR6699] to Pentraxin 3/PTX3
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: Flow Cyt, ICC/IF or IHC-P
Species reactivity	Reacts with: Mouse, Human
Immunogen	Synthetic peptide within Human Pentraxin 3/PTX3 aa 50-150. The exact sequence is proprietary.
Positive control	HL-60 treated with Dexamethasone, HL-60, Human spleen, NIH/3T3, and HUVEC lysates; HUVEC cells
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>Rat: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C. Stable for 12 months at -20°C.
Dissociation constant (K_D)	K _D = 7.80 x 10 ⁻¹¹ M



[Learn more about K_D](#)

Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 0.05% BSA, 40% Glycerol
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR6699
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab125007 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

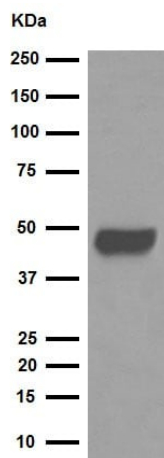
Application	Abreviews	Notes
WB	★★★★★ (1)	1/1000 - 1/10000. Detects a band of approximately 42 kDa (predicted molecular weight: 42 kDa).

Application notes Is unsuitable for Flow Cyt, ICC/IF or IHC-P.

Target

Function	Plays a role in the regulation of innate resistance to pathogens, inflammatory reactions, possibly clearance of self-components and female fertility.
Sequence similarities	Contains 1 pentaxin domain.
Post-translational modifications	Glycosylated.
Cellular localization	Secreted.

Images



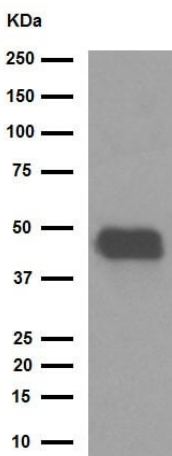
Western blot - Anti-Pentraxin 3/PTX3 antibody
[EPR6699] (ab125007)

Anti-Pentraxin 3/PTX3 antibody [EPR6699] (ab125007) at 1/10000
dilution + NIH/3T3 cell lysate at 20 µg

Secondary

Goat Anti-Rabbit IgG, (H+L), HRP-conjugated at 1/1000 dilution

Predicted band size: 42 kDa



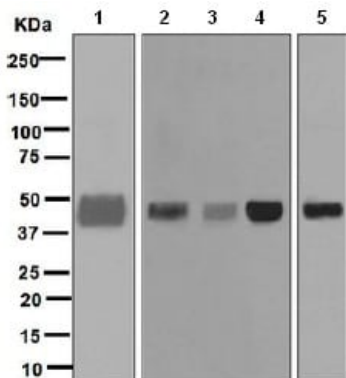
Western blot - Anti-Pentraxin 3/PTX3 antibody
[EPR6699] (ab125007)

Anti-Pentraxin 3/PTX3 antibody [EPR6699] (ab125007) at 1/10000
dilution + HUVEC cell lysate at 20 µg

Secondary

Goat Anti-Rabbit IgG, (H+L), HRP-conjugated at 1/1000 dilution

Predicted band size: 42 kDa



Western blot - Anti-Pentraxin 3/PTX3 antibody
[EPR6699] (ab125007)

All lanes : Anti-Pentraxin 3/PTX3 antibody [EPR6699] (ab125007)
at 1/1000 dilution (unpurified)

Lane 1 : HL-60 treated with Dexamethasone lysate

Lane 2 : HL-60 lysate

Lane 3 : Human spleen lysate

Lane 4 : NIH/3T3 cell lysate

Lane 5 : HUVEC lysate

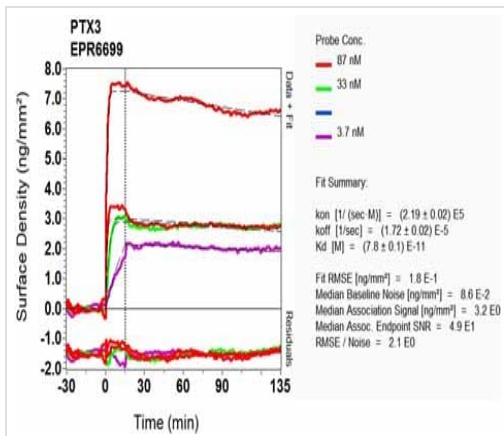
Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 42 kDa

Observed band size: 42 kDa



SPR Scanning - Anti-Pentraxin 3/PTX3 antibody
[EPR6699] (ab125007)

Equilibrium dissociation 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-Pentraxin 3/PTX3 antibody [EPR6699]
(ab125007)

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

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