

## Product datasheet

# Anti-IL-7 antibody [EPR6266] ab125029

Recombinant RabMAb

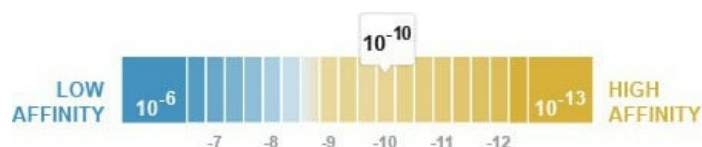
[1 References](#) [3 Images](#)

### Overview

<b>Product name</b>	Anti-IL-7 antibody [EPR6266]
<b>Description</b>	Rabbit monoclonal [EPR6266] to IL-7
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB <b>Unsuitable for:</b> ICC/IF, IHC-P or IP
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide within Human IL-7 aa 150 to the C-terminus (C terminal). The exact sequence is proprietary. Database link: <a href="#">P13232</a>
<b>Positive control</b>	IL7 recombinant protein.
<b>General notes</b>	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> For more information <a href="#">see here</a> . Our RabMAb <sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a> .  Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
<b>Dissociation constant (K<sub>D</sub>)</b>	K <sub>D</sub> = 1.27 x 10 <sup>-10</sup> M



[Learn more about K<sub>D</sub>](#)

<b>Storage buffer</b>	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
<b>Purity</b>	Tissue culture supernatant
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR6266
<b>Isotype</b>	IgG

**Applications**

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**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab125029 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
<b>WB</b>		1/10000 - 1/50000. Detects a band of approximately 17 kDa (predicted molecular weight: 20 kDa).

**Application notes** Is unsuitable for ICC/IF, IHC-P or IP.

**Target**

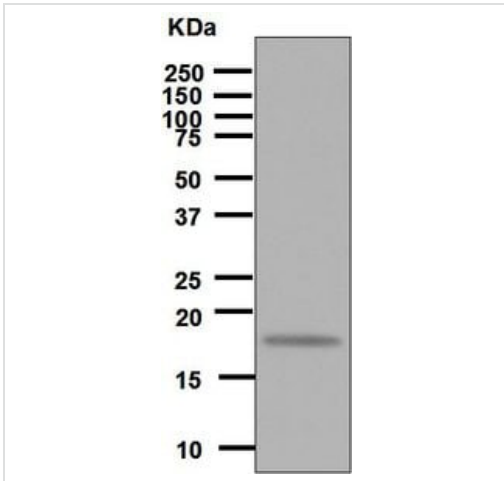
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<b>Function</b>	Hematopoietic growth factor capable of stimulating the proliferation of lymphoid progenitors. It is important for proliferation during certain stages of B-cell maturation.
<b>Sequence similarities</b>	Belongs to the IL-7/IL-9 family.
<b>Cellular localization</b>	Secreted.

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**Images**

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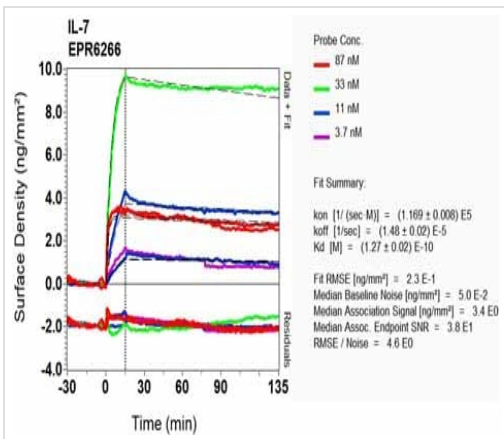
Western blot - Anti-IL-7 antibody [EPR6266]  
(ab125029)

Anti-IL-7 antibody [EPR6266] (ab125029) at 1/10000 dilution +  
recombinant Human IL7 protein at 0.005  $\mu$ g

**Secondary**

Goat anti-Rabbit HRP at 1/2000 dilution

**Predicted band size: 20 kDa**



OIR-D Scanning - Anti-IL-7 antibody [EPR6266]  
(ab125029)

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-IL-7 antibody [EPR6266] (ab125029)

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

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

## **Terms and conditions**

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