

## Product datasheet

### Anti-IL-18BP antibody [EP1088Y] $\alpha$ b52914

Recombinant RabMAb

★★★★★ [1 Abreviews](#) [9 References](#) [4 Images](#)

#### Overview

<b>Product name</b>	Anti-IL-18BP antibody [EP1088Y]
<b>Description</b>	Rabbit monoclonal [EP1088Y] to IL-18BP
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB <b>Unsuitable for:</b> Flow Cyt, ICC/IF or IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Rat, Human
<b>Immunogen</b>	Synthetic peptide within Human IL-18BP aa 1-100 (N terminal). The exact sequence is proprietary. Database link: <a href="#">O95998</a>
<b>Positive control</b>	WB: HeLa and K562 cell lysates and rat kidney and heart tissue lysates.
<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: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
<b>Purity</b>	Protein A purified

<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EP1088Y
<b>Isotype</b>	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab52914 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

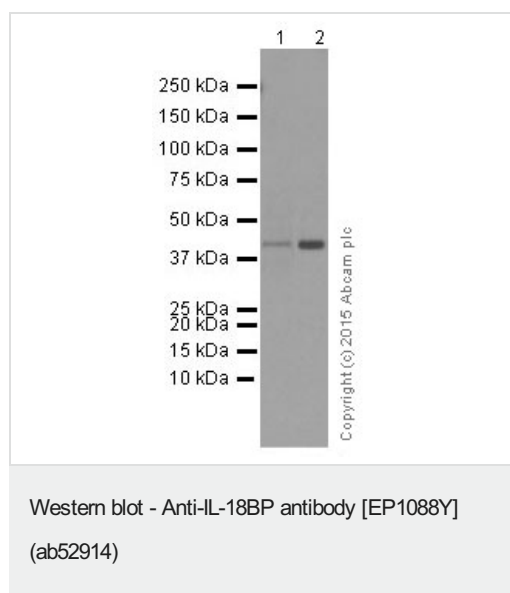
Application	Abreviews	Notes
<b>WB</b>	★★★★★ (1)	1/1000 - 1/5000. Predicted molecular weight: 22 kDa.

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

## Target

<b>Function</b>	Isoform A binds to IL-18 and inhibits its activity. Functions as an inhibitor of the early TH1 cytokine response.
<b>Tissue specificity</b>	Strongly expressed in heart, lung, placenta and spleen.
<b>Sequence similarities</b>	Contains 1 Ig-like C2-type (immunoglobulin-like) domain.
<b>Cellular localization</b>	Secreted.

## Images



**All lanes :** Anti-IL-18BP antibody [EP1088Y] (ab52914) at 1/2000 dilution (purified)

**Lane 1 :** Rat kidney tissue lysate

**Lane 2 :** Rat heart tissue lysate

Lysates/proteins at 20 µg per lane.

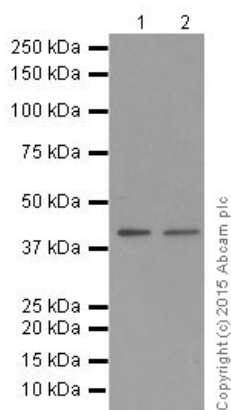
### Secondary

**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/50000 dilution

**Predicted band size:** 22 kDa

**Observed band size:** 44 kDa

Blocking and dilution buffer: 1% BSA/TBST.



Western blot - Anti-IL-18BP antibody [EP1088Y]  
(ab52914)

**All lanes :** Anti-IL-18BP antibody [EP1088Y] (ab52914) at 1/1000 dilution (purified)

**Lane 1 :** HeLa whole cell lysate

**Lane 2 :** K562 whole cell lysate

Lysates/proteins at 10 µg per lane.

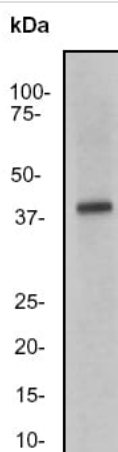
### Secondary

**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/50000 dilution

**Predicted band size:** 22 kDa

**Observed band size:** 44 kDa

Blocking and dilution buffer: 1% BSA/TBST.



Western blot - Anti-IL-18BP antibody [EP1088Y]  
(ab52914)

Anti-IL-18BP antibody [EP1088Y] (ab52914) at 1/500 dilution (unpurified) + HeLa cell lysate at 10 µg

### Secondary

HRP-conjugated goat anti-rabbit IgG at 1/2000 dilution

**Predicted band size:** 22 kDa

**Observed band size:** 44 kDa

### 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-18BP antibody [EP1088Y] (ab52914)

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

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