

## Product datasheet

### Anti-PLAGL1 / ZAC antibody [EPR7523] ab129063

Recombinant RabMAb

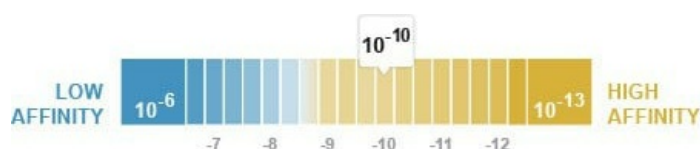
[5 References](#) [4 Images](#)

#### Overview

<b>Product name</b>	Anti-PLAGL1 / ZAC antibody [EPR7523]
<b>Description</b>	Rabbit monoclonal [EPR7523] to PLAGL1 / ZAC
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt (Intra), 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 PLAGL1/ ZAC aa 400 to the C-terminus (C terminal). The exact sequence is proprietary.
<b>Positive control</b>	Human fetal liver and Human fetal kidney, 293T, HepG2 and SH-SY5Y lysates. Permeabilized HepG2 cells.
<b>General notes</b>	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <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> <p>For more information <a href="#">see here</a>.</p> <p>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>.</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

<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> = 1.71 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>	EPR7523
<b>Isotype</b>	IgG

**Applications**

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab129063 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

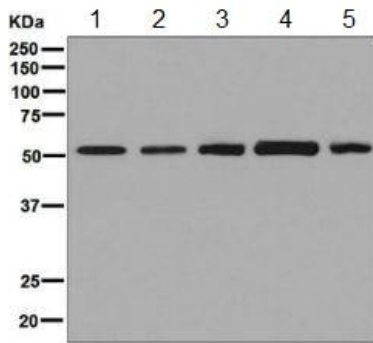
Application	Abreviews	Notes
<b>Flow Cyt (Intra)</b>		1/10 - 1/100. <b><u>ab172730</u></b> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
<b>WB</b>		1/10000 - 1/50000. Detects a band of approximately 51 kDa (predicted molecular weight: 51 kDa).

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

**Target**

<b>Function</b>	Shows weak transcriptional activatory activity. Transcriptional regulator of the type 1 receptor for pituitary adenylate cyclase-activating polypeptide.
<b>Sequence similarities</b>	Belongs to the krueppel C2H2-type zinc-finger protein family. Contains 7 C2H2-type zinc fingers.
<b>Cellular localization</b>	Nucleus.

**Images**



Western blot - Anti-PLAGL1 / ZAC antibody  
[EPR7523] (ab129063)

**All lanes :** Anti-PLAGL1 / ZAC antibody [EPR7523] (ab129063) at  
1/10000 dilution

**Lane 1 :** Human fetal liver tissue lysate

**Lane 2 :** Human fetal kidney tissue lysate

**Lane 3 :** 293T (Human embryonic kidney epithelial cell) cell lysate

**Lane 4 :** HepG2 cell lysate

**Lane 5 :** SH-SY5Y cell lysate

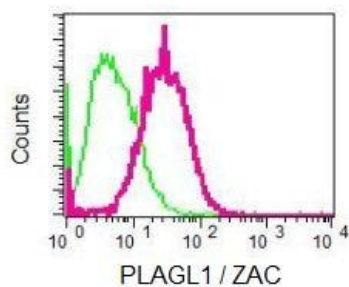
Lysates/proteins at 10 µg per lane.

## Secondary

**All lanes :** Goat anti-rabbit HRP at 1/2000 dilution

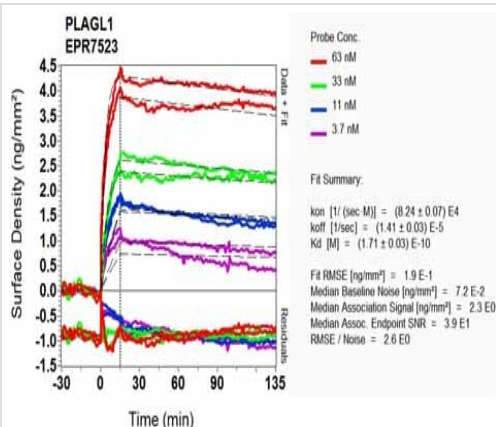
**Predicted band size:** 51 kDa

**Observed band size:** 51 kDa



Flow Cytometry (Intracellular) - Anti-PLAGL1 / ZAC  
antibody [EPR7523] (ab129063)

ab129063 at 1/10 dilution staining PLAGL1 / ZAC in permeabilized  
HepG2 cells by intracellular flow cytometry (red) or a rabbit IgG  
negative (green).



OI-RD Scanning - Anti-PLAGL1 / ZAC antibody  
[EPR7523] (ab129063)

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-PLAGL1 / ZAC antibody [EPR7523] (ab129063)

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

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- Response to your inquiry within 24 hours
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