

## Product datasheet

# Recombinant Anti-ABL1 + ABL2 antibody [EPR1222(2)] ab134134

Recombinant RabMAb

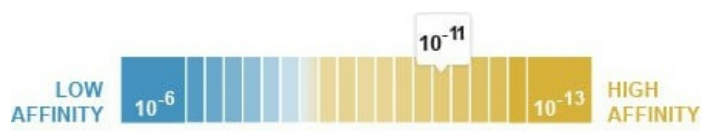
[2 References](#) [4 Images](#)

### Overview

<b>Product name</b>	Recombinant Anti-ABL1 + ABL2 antibody [EPR1222(2)]
<b>Description</b>	Rabbit monoclonal [EPR1222(2)] to ABL1 + ABL2
<b>Host species</b>	Rabbit
<b>Specificity</b>	The immunogen used for this product shares 85% identity with ABL1. Cross-reactivity with this protein has not been confirmed experimentally.
<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> Mouse, Rat, Human
<b>Immunogen</b>	Synthetic peptide within Human ABL2 aa 500-600. The exact sequence is proprietary.
<b>Positive control</b>	Jurkat cell lysates; HeLa cell lysates; K562 cell lysates; Molt 4 cell lysates; RAW 264.7 cell lysates; PC 12 cell lysates; NIH 3T3 cell 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> .

### 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> = 2.36 x 10 <sup>-11</sup> M



-7 -8 -9 -10 -11 -12

[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>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR1222(2)
<b>Isotype</b>	IgG

### Applications

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**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab134134 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>ab172730</b> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
<b>WB</b>		1/1000 - 1/10000. Predicted molecular weight: 128 kDa.

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

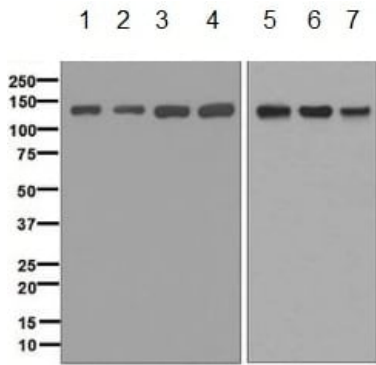
### Target

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**Cellular localization** ABL1: Cytoplasm > cytoskeleton. Nucleus. Sequestered into the cytoplasm through interaction with 14-3-3 proteins and Nucleus membrane. The myristoylated c-ABL protein is reported to be nuclear. ABL2: Cytoplasm, cytoskeleton.

### Images

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Western blot - Recombinant Anti-ABL1 + ABL2 antibody [EPR1222(2)] (ab134134)

**All lanes :** Recombinant Anti-ABL1 + ABL2 antibody [EPR1222(2)] (ab134134) at 1/1000 dilution

**Lane 1 :** Jurkat (Human T cell leukemia cell line from peripheral blood) whole cell lysate

**Lane 2 :** HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysate

**Lane 3 :** K-562 (Human chronic myelogenous leukemia lymphoblast cell line ) whole cell lysate

**Lane 4 :** MOLT-4 (Human lymphoblastic leukemia cell line) whole cell lysate

**Lane 5 :** RAW 264.7 (Mouse macrophage cell line transformed with Abelson murine leukemia virus) whole cell lysate

**Lane 6 :** PC-12 (Rat adrenal gland pheochromocytoma cell line) whole cell lysate

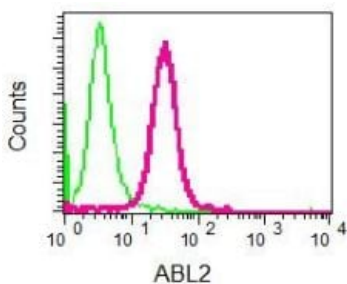
**Lane 7 :** NIH/3T3 (Mouse embryonic fibroblast cell line) whole cell lysate

Lysates/proteins at 10 µg per lane.

### Secondary

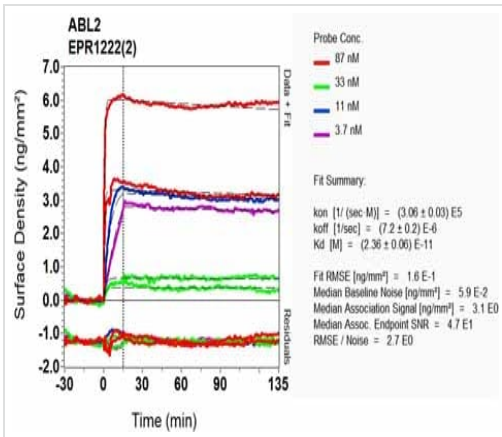
**All lanes :** HRP labelled goat anti rabbit at 1/2000 dilution

**Predicted band size:** 128 kDa



Flow Cytometry (Intracellular) - Recombinant Anti-ABL1 + ABL2 antibody [EPR1222(2)] (ab134134)

Intracellular flow cytometric analysis of permeabilized Jurkat cells labelling ABL2 (red) using ab134134 at 1/10 dilution or using a Rabbit IgG negative control (green)



Equilibrium dissociation constant ( $K_D$ )

Learn more about  $K_D$

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

SPR Scanning - Recombinant Anti-ABL1 + ABL2 antibody [EPR1222(2)] (ab134134)

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

Recombinant Anti-ABL1 + ABL2 antibody [EPR1222(2)] (ab134134)

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

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