

## Product datasheet

### Anti-APOBEC3C/PBI antibody [EPR13417] ab181356

Recombinant RabMAb

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

#### Overview

<b>Product name</b>	Anti-APOBEC3C/PBI antibody [EPR13417]
<b>Description</b>	Rabbit monoclonal [EPR13417] to APOBEC3C/PBI
<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. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	Jurkat, Daudi, K562, and HeLa whole cell lysate ( <a href="#">ab150035</a> ); HeLa 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 +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	<p>pH: 7.20</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant</p>
<b>Purity</b>	Protein A purified

<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR13417
<b>Isotype</b>	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab181356 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

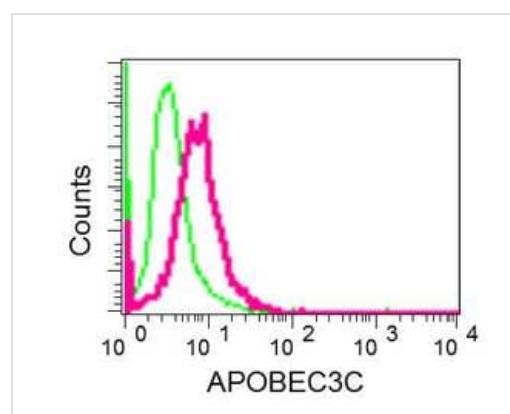
Application	Abreviews	Notes
<b>Flow Cyt (Intra)</b>		1/10 - 1/100. <b>ab172730</b> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
<b>WB</b>		1/1000 - 1/5000. Predicted molecular weight: 23 kDa.

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

## Target

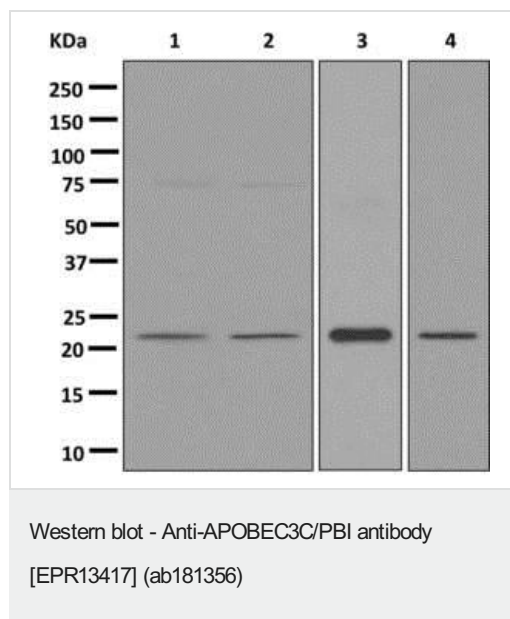
<b>Function</b>	Host cellular restriction factor that may have antiviral activities against exogenous and endogenous viruses, as well as retrotransposons. May also play a role in the epigenetic regulation of gene expression through the process of active DNA demethylation.
<b>Tissue specificity</b>	Expressed in spleen, testes, peripheral blood lymphocytes, heart, thymus, prostate and ovary.
<b>Sequence similarities</b>	Belongs to the cytidine and deoxycytidylate deaminase family.

## Images



Intracellular flow cytometric analysis of permeabilized HeLa cells labeling APOBEC3C/PBI with ab181356 at 1/10 dilution (red) compared to a rabbit IgG negative control (green).

Flow Cytometry (Intracellular) - Anti-APOBEC3C/PBI antibody [EPR13417] (ab181356)



**All lanes :** Anti-APOBEC3C/PBI antibody [EPR13417] (ab181356) at 1/1000 dilution

**Lane 1 :** Jurkat cell lysate

**Lane 2 :** Daudi cell lysate

**Lane 3 :** K562 cell lysate

**Lane 4 :** HeLa cell lysate

Lysates/proteins at 10 µg per lane.

**Predicted band size:** 23 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-APOBEC3C/PBI antibody [EPR13417] (ab181356)

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

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