

## Product datasheet

# Anti-PAFAH1B3 antibody [EPR11231-10-6] - BSA and Azide free ab249557

Recombinant RabMAb

3 Images

### Overview

<b>Product name</b>	Anti-PAFAH1B3 antibody [EPR11231-10-6] - BSA and Azide free
<b>Description</b>	Rabbit monoclonal [EPR11231-10-6] to PAFAH1B3 - BSA and Azide free
<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>Does not react with:</b> Mouse, Rat
<b>Immunogen</b>	Synthetic peptide within Human PAFAH1B3. The exact sequence is proprietary. Database link: <a href="#">Q15102</a>
<b>General notes</b>	<p>ab249557 is the carrier-free version of <a href="#">ab170877</a>.</p> <p>Our <b>carrier-free</b> antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</p> <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>

## Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C. Do Not Freeze.
<b>Storage buffer</b>	pH: 7.2 Constituent: PBS
<b>Carrier free</b>	Yes
<b>Purity</b>	Affinity purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR11231-10-6
<b>Isotype</b>	IgG

## Applications

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**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab249557 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>		Use at an assay dependent concentration.
<b>WB</b>		Use at an assay dependent concentration. Predicted molecular weight: 26 kDa.

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

## Target

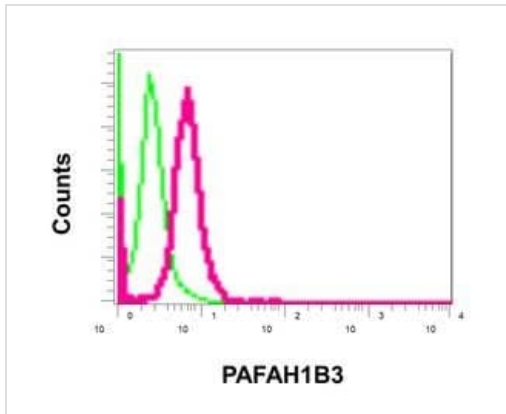
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<b>Function</b>	Inactivates paf by removing the acetyl group at the sn-2 position. This is a catalytic subunit. Plays an important role during the development of brain.
<b>Tissue specificity</b>	In the adult, expressed in brain, skeletal muscle, kidney, thymus, spleen, colon, testis, ovary and peripheral blood leukocytes. In the fetus, highest expression occurs in brain.
<b>Sequence similarities</b>	Belongs to the 'GDSL' lipolytic enzyme family. Platelet-activating factor acetylhydrolase IB beta/gamma subunits subfamily.
<b>Cellular localization</b>	Cytoplasm.

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## Images

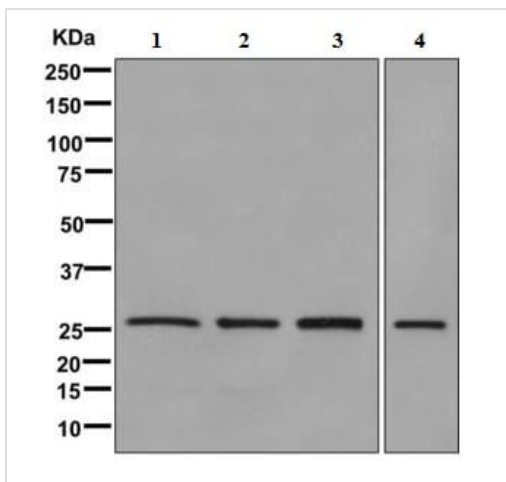
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Flow Cytometry (Intracellular) - Anti-PAFAH1B3 antibody [EPR11231-10-6] - BSA and Azide free (ab249557)

This data was developed using **ab170877**, the same antibody clone in a different buffer formulation.

Intracellular flow cytometric analysis of permeabilized K562 cells labeling PAFAH1B3 using **ab170877** at a 1/10 dilution (red) or a rabbit IgG (green).



Western blot - Anti-PAFAH1B3 antibody [EPR11231-10-6] - BSA and Azide free (ab249557)

**All lanes** : Anti-PAFAH1B3 antibody [EPR11231-10-6] (**ab170877**) at 1/1000 dilution

**Lane 1** : HeLa cell lysate

**Lane 2** : 293T cell lysate

**Lane 3** : U87MG cell lysate

**Lane 4** : K562 cell lysate

Lysates/proteins at 10 µg per lane.

**Secondary**

**All lanes** : HRP labeled goat anti-rabbit IgG at 1/2000 dilution

**Predicted band size:** 26 kDa

This data was developed using **ab170877**, the same antibody clone in a different buffer formulation.

### 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-PAFAH1B3 antibody [EPR11231-10-6] - BSA and Azide free (ab249557)

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

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