


## Product datasheet

# Anti-12 Lipoxygenase/ALOX12 antibody [EPR11380(B)] ab168384

Recombinant RabMAb

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

### Overview

<b>Product name</b>	Anti-12 Lipoxygenase/ALOX12 antibody [EPR11380(B)]
<b>Description</b>	Rabbit monoclonal [EPR11380(B)] to 12 Lipoxygenase/ALOX12
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB <b>Unsuitable for:</b> Flow Cyt, ICC/IF, IHC-P or IP
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Rat 
<b>Immunogen</b>	Synthetic peptide corresponding to Human 12 Lipoxygenase/ALOX12. Database link: <a href="#">P18054</a>
<b>Positive control</b>	A431, Human spleen and Human fetal liver lysates.
<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: We have preliminary internal testing data to indicate this antibody may not react with this 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.
<b>Storage buffer</b>	pH: 7.2 Preservative: 0.01% Sodium azide

Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant

**Purity** Tissue culture supernatant  
**Clonality** Monoclonal  
**Clone number** EPR11380(B)  
**Isotype** IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab168384 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

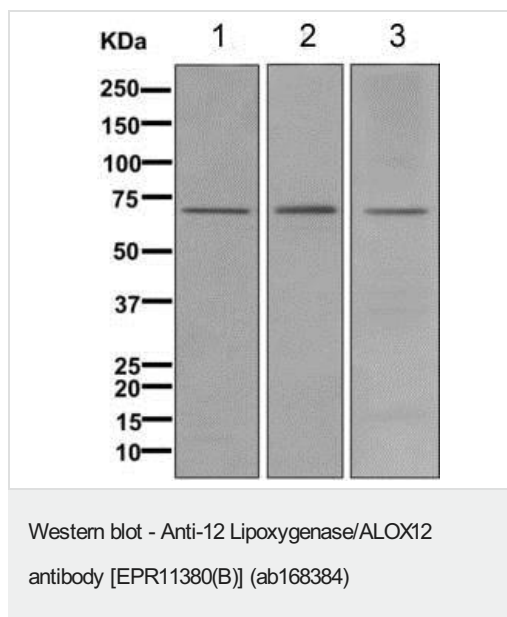
Application	Abreviews	Notes
WB		1/1000 - 1/5000. Predicted molecular weight: 76 kDa.

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

## Target

**Function** Oxygenase and 14,15-leukotriene A4 synthase activity.  
**Pathway** Lipid metabolism; leukotriene D4 biosynthesis.  
**Sequence similarities** Belongs to the lipoxygenase family.  
Contains 1 lipoxygenase domain.  
Contains 1 PLAT domain.  
**Cellular localization** Cytoplasm.

## Images



**All lanes** : Anti-12 Lipoxygenase/ALOX12 antibody [EPR11380(B)] (ab168384) at 1/1000 dilution

**Lane 1** : A431 lysate

**Lane 2** : Human spleen lysate

**Lane 3** : Human fetal liver lysate

Lysates/proteins at 10 µg per lane.

**Secondary**

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

**Predicted band size:** 76 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-12 Lipoxygenase/ALOX12 antibody

[EPR11380(B)] (ab168384)

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

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