

## Product datasheet

### Anti-Aldolase + Aldolase B + Aldolase C antibody [EPR9724(B)] ab169544

Recombinant RabMAb

★★★★★ [3 Abreviews](#) [9 References](#) [5 Images](#)

#### Overview

<b>Product name</b>	Anti-Aldolase + Aldolase B + Aldolase C antibody [EPR9724(B)]
<b>Description</b>	Rabbit monoclonal [EPR9724(B)] to Aldolase + Aldolase B + Aldolase C
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt (Intra), WB <b>Unsuitable for:</b> ICC/IF or IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat, Human, Pig
<b>Immunogen</b>	Synthetic peptide within Human Aldolase aa 1-100. The exact sequence is proprietary. Database link: <a href="#">P04075</a>
<b>Positive control</b>	WB: A549 and HeLa whole cell lysate ( <a href="#">ab150035</a> ); human fetal brain, fetal liver and skeletal muscle, mouse brain, rat brain tissue lysates. His-tagged human Aldolase A, B and C full-length recombinant protein Flow Cyt (intra): MCF7 cells.
<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 +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: 0.01% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS, 0.05% BSA
<b>Purity</b>	Protein A purified

<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR9724(B)
<b>Isotype</b>	IgG

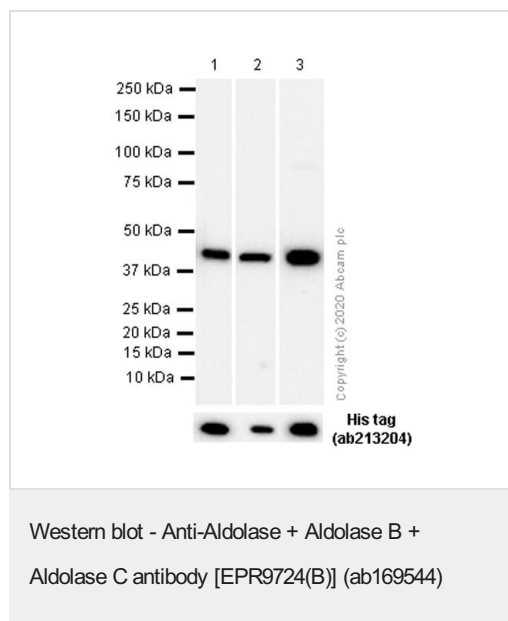
## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab169544 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
Flow Cyt (Intra)		1/20.
WB	★★★★★ (3)	1/1000 - 1/10000. Predicted molecular weight: 39 kDa.

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

## Images



**All lanes** : Anti-Aldolase + Aldolase B + Aldolase C antibody [EPR9724(B)] (ab169544) at 1/1000 dilution

**Lane 1** : His-tagged human Aldolase A full-length recombinant protein

**Lane 2** : His-tagged human Aldolase B full-length recombinant protein

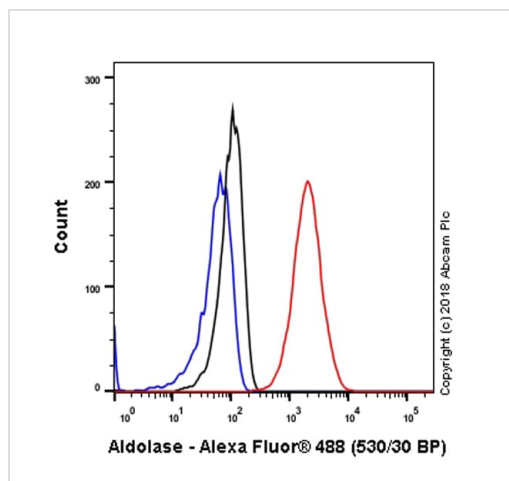
**Lane 3** : His-tagged human Aldolase C full-length recombinant protein

Lysates/proteins at 0.01 µg per lane.

### Secondary

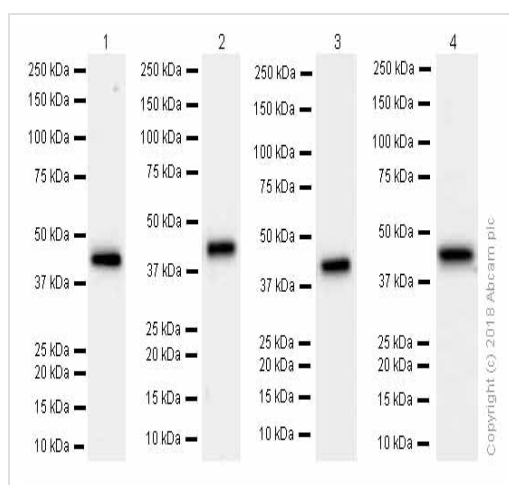
**All lanes** : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

**Predicted band size:** 39 kDa



Flow Cytometry (Intracellular) - Anti-Aldolase + Aldolase B + Aldolase C antibody [EPR9724(B)] (ab169544)

Intracellular Flow Cytometry analysis of MCF7 (Human breast adenocarcinoma epithelial cell) cells labeling Aldolase with purified ab169544 at 1/20 dilution (10µg/ml) (red). Cells were fixed with 4% Paraformaldehyde. A Goat anti rabbit IgG (Alexa Fluor® 488) secondary antibody was used at 1/2000 dilution. Isotype control - Rabbit monoclonal IgG (Black). Unlabeled control - Cell without incubation with primary antibody and secondary antibody (Blue).



Western blot - Anti-Aldolase + Aldolase B + Aldolase C antibody [EPR9724(B)] (ab169544)

**All lanes** : Anti-Aldolase + Aldolase B + Aldolase C antibody [EPR9724(B)] (ab169544) at 0.02 µg/ml

**Lane 1** : HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

**Lane 2** : Mouse brain lysates

**Lane 3** : Rat brain lysates

**Lane 4** : Pig heart lysates

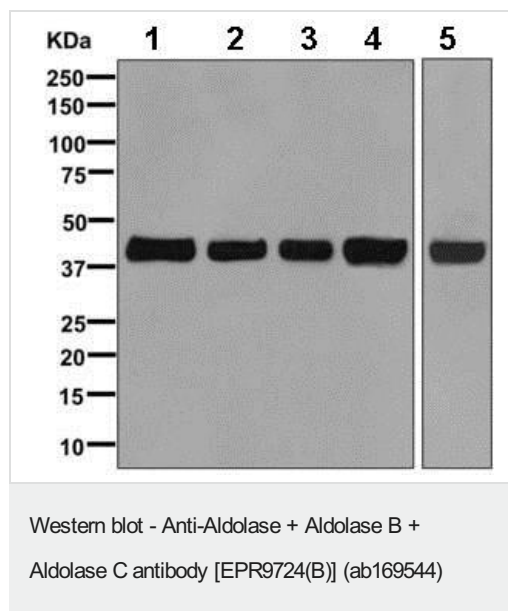
Lysates/proteins at 15 µg per lane.

### Secondary

**All lanes** : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

**Predicted band size:** 39 kDa

Blocking and diluting buffer: 5% NFDM/TBST.



**All lanes :** Anti-Aldolase + Aldolase B + Aldolase C antibody [EPR9724(B)] (ab169544) at 1/1000 dilution (Unpurified)

**Lane 1 :** A549 lysate

**Lane 2 :** Fetal liver lysate

**Lane 3 :** HeLa lysate

**Lane 4 :** Fetal brain lysate

**Lane 5 :** Human skeletal muscle lysate

Lysates/proteins at 10 µg per lane.

### Secondary

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

**Predicted band size:** 39 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-Aldolase + Aldolase B + Aldolase C antibody [EPR9724(B)] (ab169544)

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

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