

# Anti-Aldolase B + Aldolase C antibody [EPR3138Y] - BSA and Azide free ab223527

Recombinant RabMAb

6 Images

### Overview

<b>Product name</b>	Anti-Aldolase B + Aldolase C antibody [EPR3138Y] - BSA and Azide free
<b>Description</b>	Rabbit monoclonal [EPR3138Y] to Aldolase B + Aldolase C - BSA and Azide free
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, WB, Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat, Human
<b>Immunogen</b>	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	IHC: Human, mouse and rat kidney tissues. WB: Human, mouse and rat kidney lysate. His-tagged human Aldolase B and C full-length recombinant protein.
<b>General notes</b>	<p>ab223527 is the carrier-free version of <a href="#">ab75751</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 short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.2 Constituent: PBS
<b>Carrier free</b>	Yes
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR3138Y
<b>Isotype</b>	IgG

## Applications

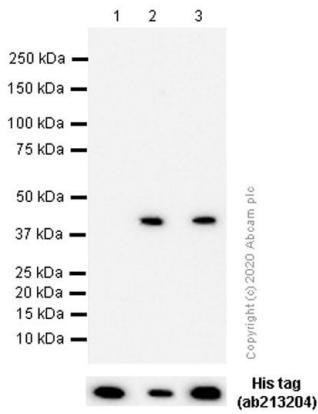
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**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab223527 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
<b>IHC-P</b>		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. See <b><u>IHC antigen retrieval protocols</u></b> .
<b>WB</b>		Use at an assay dependent concentration. Predicted molecular weight: 39 kDa.
<b>Flow Cyt</b>		Use at an assay dependent concentration. <b><u>ab172730</u></b> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.

## Images

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Western blot - Anti-Aldolase B + Aldolase C antibody [EPR3138Y] - BSA and Azide free (ab223527)

**All lanes** : Anti-Aldolase B + Aldolase C antibody [EPR3138Y] ([ab75751](#)) at 1/200 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.

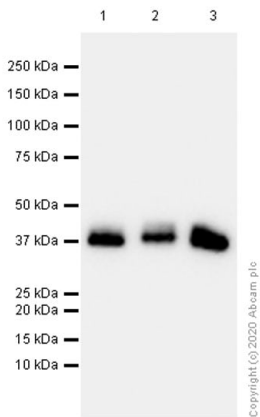
**Secondary**

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

**Predicted band size:** 39 kDa

**Exposure time:** 40 seconds

This data was developed using [ab75751](#), the same antibody clone in a different buffer formulation.



Western blot - Anti-Aldolase B + Aldolase C antibody [EPR3138Y] - BSA and Azide free (ab223527)

**All lanes** : Anti-Aldolase B + Aldolase C antibody [EPR3138Y] ([ab75751](#)) at 1/1000 dilution (Purified)

**Lane 1** : Human kidney lysate

**Lane 2** : Mouse kidney lysate

**Lane 3** : Rat kidney lysate

Lysates/proteins at 20 µg per lane.

**Secondary**

**All lanes** : Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with human IgG at 1/2000 dilution

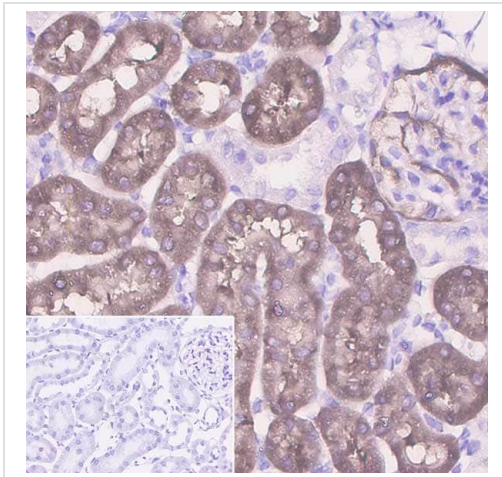
**Predicted band size:** 39 kDa

**Observed band size:** 39 kDa

This data was developed using [ab75751](#), the same antibody clone

in a different buffer formulation.

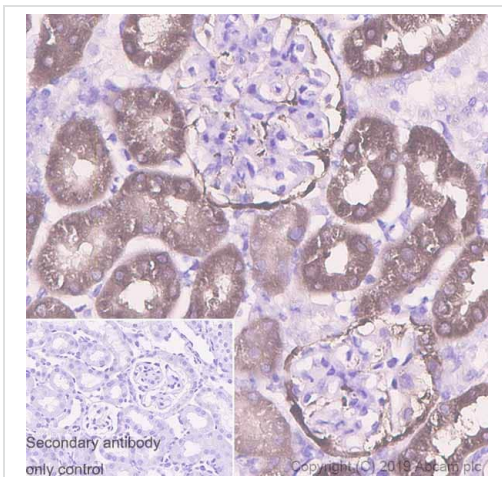
Blocking Buffer and concentration: 5% NFDM/TBST



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Aldolase B + Aldolase C antibody [EPR3138Y] - BSA and Azide free (ab223527)

This data was developed using [ab75751](#), the same antibody clone in a different buffer formulation.

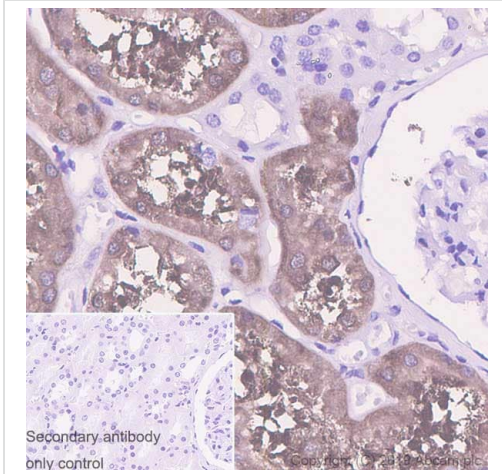
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of rat kidney tissue sections labeling Aldolase B with Purified ab223527 at 1:100 dilution (1.47  $\mu\text{g/ml}$ ). Perform heat mediated antigen retrieval using [ab93684](#) (Tris/EDTA buffer, pH 9.0). ImmunoHistoProbe one step HRP Polymer (ready to use) was used as the secondary antibody. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Aldolase B + Aldolase C antibody [EPR3138Y] - BSA and Azide free (ab223527)

This data was developed using [ab75751](#), the same antibody clone in a different buffer formulation.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of mouse kidney tissue sections labeling Aldolase B with Purified ab223527 at 1:100 dilution (1.47  $\mu\text{g/ml}$ ). Perform heat mediated antigen retrieval using [ab93684](#) (Tris/EDTA buffer, pH 9.0). ImmunoHistoProbe one step HRP Polymer (ready to use) was used as the secondary antibody. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Aldolase B + Aldolase C antibody [EPR3138Y] - BSA and Azide free (ab223527)

This data was developed using **ab75751**, the same antibody clone in a different buffer formulation.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human kidney tissue sections labeling Aldolase B with Purified ab223527 at 1:100 dilution (1.47 µg/ml). Perform heat mediated antigen retrieval using **ab93684** (Tris/EDTA buffer, pH 9.0). ImmunoHistoProbe one step HRP Polymer (ready to use) was used as the secondary antibody. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.

Why choose a recombinant antibody?

 <p><b>Research with confidence</b> Consistent and reproducible results</p>	 <p><b>Long-term and scalable supply</b> Recombinant technology</p>
 <p><b>Success from the first experiment</b> Confirmed specificity</p>	 <p><b>Ethical standards compliant</b> Animal-free production</p>

Anti-Aldolase B + Aldolase C antibody [EPR3138Y]  
- BSA and Azide free (ab223527)

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

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