

Product datasheet

Anti-Aldolase B + Aldolase C antibody [EPR3138Y] ab75751

Recombinant RabMAb

★★★★★ [2 Abreviews](#) [4 References](#) [6 Images](#)

Overview

Product name	Anti-Aldolase B + Aldolase C antibody [EPR3138Y]
Description	Rabbit monoclonal [EPR3138Y] to Aldolase B + Aldolase C
Host species	Rabbit
Tested applications	Suitable for: Flow Cyt, WB, IHC-P
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide within Human Aldolase B aa 250-350. The exact sequence is proprietary. Database link: P05062
Positive control	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.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb® patents.</p>

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	<p>pH: 7.20</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
Purity	Protein A purified
Clonality	Monoclonal

Clone number EPR3138Y

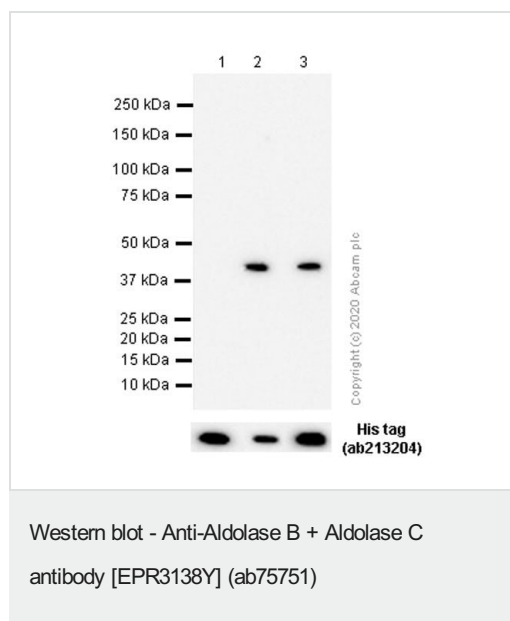
Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab75751 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		Use at an assay dependent concentration. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/1000. Predicted molecular weight: 39 kDa. For unpurified use at 1/500 - 1/1000.
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. See IHC antigen retrieval protocols .

Images



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

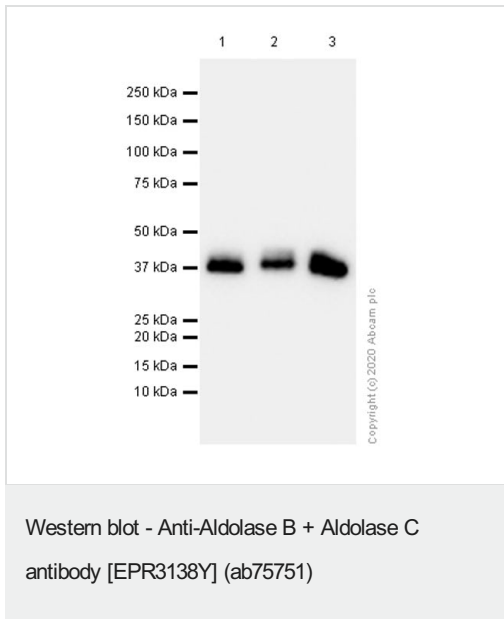
All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

Predicted band size: 39 kDa

Observed band size: 40 kDa

Exposure time: 40 seconds

Blocking and diluting buffer and concentration: 5% NFDM/TBST



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.

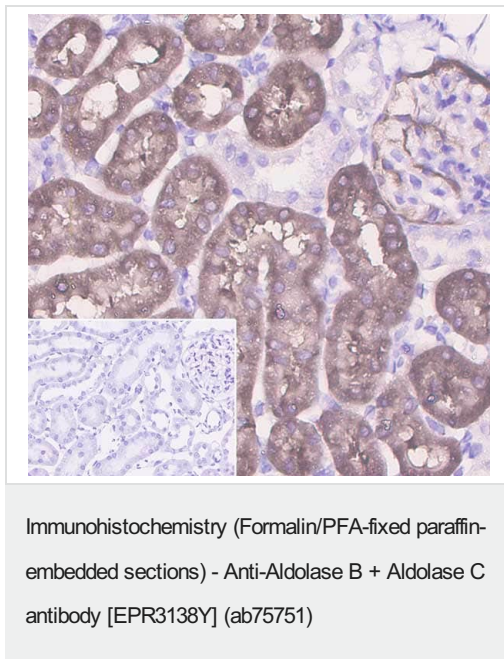
Secondary

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

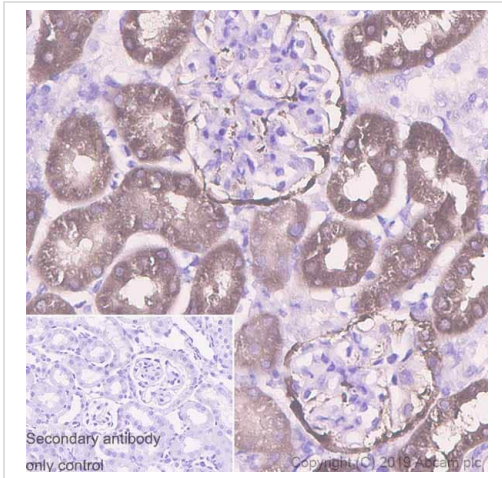
Predicted band size: 39 kDa

Observed band size: 39 kDa

Blocking Buffer and concentration: 5% NFDM/TBST

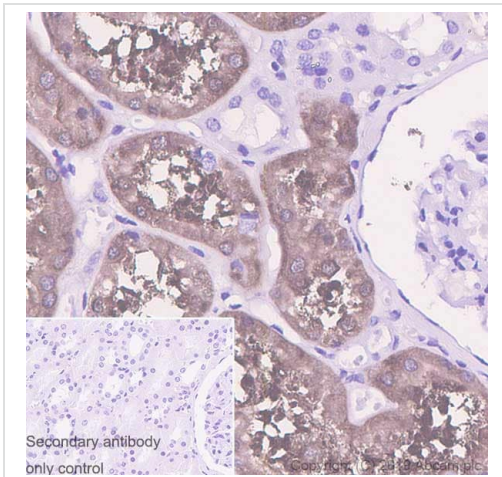


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of rat kidney tissue sections labeling Aldolase B with Purified ab75751 at 1:100 dilution (1.47 µg/ml). Perform heat mediated antigen retrieval using **ab93684** (Tris/EDTA buffer, pH 9.0). ImmunoHistoProbe one step HRP Polymer (ready to use) was used as the secondary antibody. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Aldolase B + Aldolase C antibody [EPR3138Y] (ab75751)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of mouse kidney tissue sections labeling Aldolase B with Purified ab75751 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.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Aldolase B + Aldolase C antibody [EPR3138Y] (ab75751)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human kidney tissue sections labeling Aldolase B with Purified ab75751 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?



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 B + Aldolase C antibody [EPR3138Y]
(ab75751)

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

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