

Product datasheet

Anti-Lysozyme antibody ab229974

4 Images

Overview

Product name	Anti-Lysozyme antibody
Description	Rabbit polyclonal to Lysozyme
Host species	Rabbit
Tested applications	Suitable for: WB, IHC - Wholemount
Species reactivity	Reacts with: Zebrafish
Immunogen	Recombinant fragment within Zebrafish Lysozyme (internal sequence). The exact sequence is proprietary. Database link: Q90YS5
Positive control	IHC-Wm: 2 and 3 days-post-fertilization zebrafish embryo. WB: Whole zebrafish extract.
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been "predicted to work with," however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.</p>

Properties

Form	Liquid
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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	pH: 7.00 Preservative: 0.025% Proclin 300 Constituents: 79% PBS, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab229974** in the following tested applications.

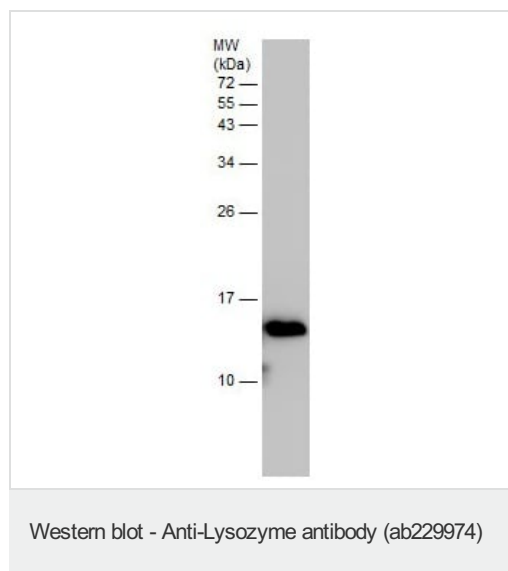
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 17 kDa.
IHC - Wholemount		1/100 - 1/500.

Target

Function	Lysozymes have primarily a bacteriolytic function; those in tissues and body fluids are associated with the monocyte-macrophage system and enhance the activity of immunogens.
Involvement in disease	Amyloidosis 8
Sequence similarities	Belongs to the glycosyl hydrolase 22 family.
Cellular localization	Secreted.

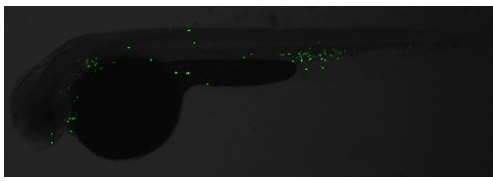
Images



Anti-Lysozyme antibody (ab229974) at 1/1000 dilution + whole zebrafish extract at 30 µg

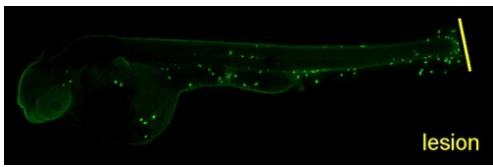
Predicted band size: 17 kDa

15% SDS-PAGE gel.



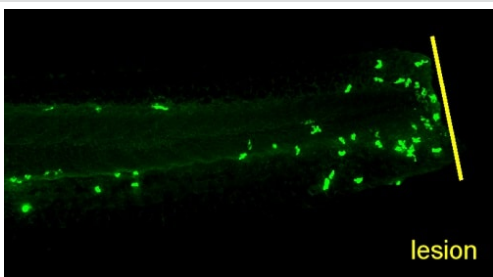
IHC - Wholemout - Anti-Lysozyme antibody
(ab229974)

2 days-post-fertilization zebrafish embryo stained for Lysozyme using ab229974 (green) at 1/100 dilution in wholemount immunohistochemical analysis.



IHC - Wholemout - Anti-Lysozyme antibody
(ab229974)

3 days-post-fertilization zebrafish embryo stained for Lysozyme using ab229974 (green) at 1/100 dilution in wholemount immunohistochemical analysis.



IHC - Wholemout - Anti-Lysozyme antibody
(ab229974)

3 days-post-fertilization zebrafish embryo stained for Lysozyme using ab229974 (green) at 1/100 dilution in wholemount immunohistochemical analysis.

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

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
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