

## Product datasheet

# Anti-TRPML1/MG-2 antibody ab272608

★☆☆☆☆ [1 Abreviews](#) [2 References](#) [2 Images](#)

### Overview

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<b>Product name</b>	Anti-TRPML1/MG-2 antibody
<b>Description</b>	Rabbit polyclonal to TRPML1/MG-2
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant fragment corresponding to Human TRPML1/MG-2 aa 500-600. Database link: <a href="#">Q9GZU1</a> <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
<b>Positive control</b>	WB: PC-3. ICC/IF: U-2 OS.
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>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, along with publications, customer reviews and Q&amp;As</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: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

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## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab272608 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
ICC/IF		Use a concentration of 0.25 - 2 µg/ml.
WB	★☆☆☆☆ (1)	Use a concentration of 0.04 - 0.4 µg/ml.

## Target

### Function

Cation channel probably playing a role in the endocytic pathway and in the control of membrane trafficking of proteins and lipids. Could play a major role in Ca(2+) transport regulating lysosomal exocytosis.

### Tissue specificity

Widely expressed in adult and fetal tissues.

### Involvement in disease

Mucopolipidosis 4

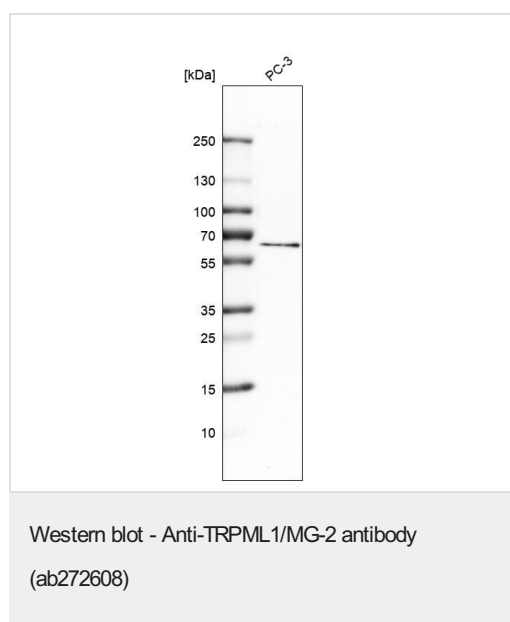
### Sequence similarities

Belongs to the transient receptor (TC 1.A.4) family. Polycystin subfamily. MCOLN1 sub-subfamily.

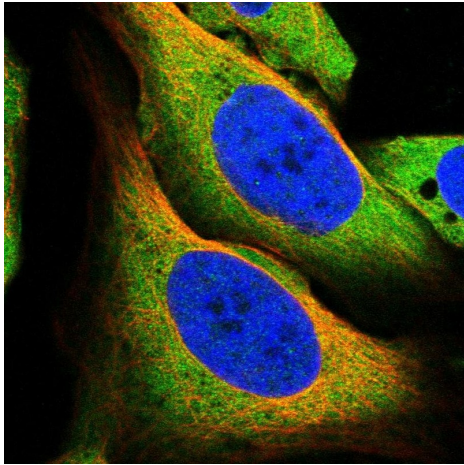
### Cellular localization

Cell membrane. Late endosome membrane. Lysosome membrane.

## Images



Anti-TRPML1/MG-2 antibody (ab272608) at 0.4 µg/ml + PC-3



Immunocytochemistry/ Immunofluorescence - Anti-TRPML1/MG-2 antibody (ab272608)

PFA fixed, Triton X-100 permeabilized human cell line U-2 OS labeling TRPML1/MG-2 (green) using ab272608 at 2 ug/ml in ICC/IF analysis.

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

### Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- 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
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

### Terms and conditions

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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors