


Product datasheet

Anti-TMEM121 antibody ab151077

[3 Images](#)

Overview

Product name	Anti-TMEM121 antibody
Description	Rabbit polyclonal to TMEM121
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Recombinant fragment, corresponding to amino acids 241-294 of Human TMEM121. Run BLAST with ExPASy Run BLAST with NCBI
Positive control	Human stomach tissue; RT4, U251 MG and tonsil lysates.
General notes	<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&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our [Abpromise guarantee](#) covers the use of ab151077 in the following tested applications.

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

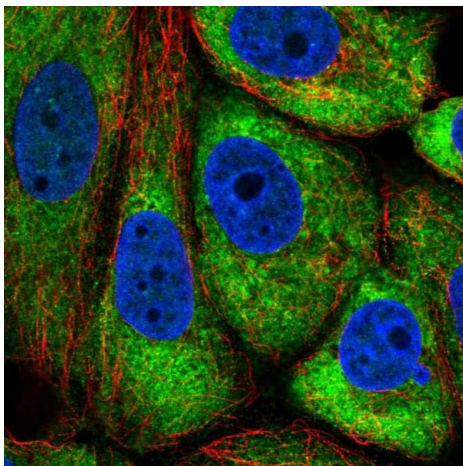
Application	Abreviews	Notes
WB		1/250 - 1/500. Predicted molecular weight: 36 kDa.
ICC/IF		Use a concentration of 0.25 - 2 µg/ml.
IHC-P		1/50 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Cellular localization

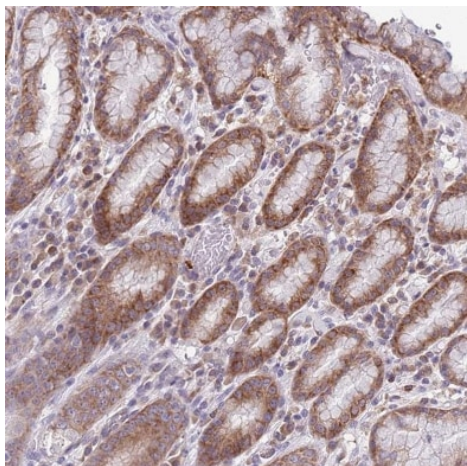
Membrane; Multi-pass membrane protein (Potential).

Images



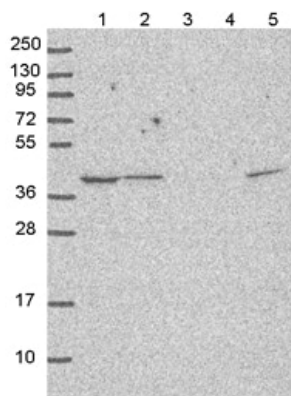
Immunocytochemistry/immunofluorescence analysis of MCF7 cells labelling TMEM121 with ab151077 shows positive staining in the cytoplasm.

Immunocytochemistry/ Immunofluorescence - Anti-TMEM121 antibody (ab151077)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TMEM121 antibody (ab151077)

Immunohistochemical analysis of paraffin embedded Human stomach labeling TMEM121 with ab151077 at 1/50 dilution.



Western blot - Anti-TMEM121 antibody (ab151077)

All lanes : Anti-TMEM121 antibody (ab151077) at 1/250 dilution

Lane 1 : RT4 cell lysate

Lane 2 : U251 MG cell lysate

Lane 3 : Human plasma lysate

Lane 4 : Human liver tissue lysate

Lane 5 : Human tonsil tissue lysate

Predicted band size: 36 kDa

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
- We investigate all quality concerns to ensure our products perform to the highest standards

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