

Product datasheet

Anti-C17orf27 antibody ab238677

3 Images

Overview

Product name	Anti-C17orf27 antibody
Description	Rabbit polyclonal to C17orf27
Host species	Rabbit
Tested applications	Suitable for: IHC-P, ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment corresponding to Human C17orf27 aa 202-350. Database link: Q63HN8
Positive control	IHC-P: Human gastric cancer and colon cancer tissues. ICC/IF: A549 cells.
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: 7.40 Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.03% Proclin 300
Purity	Protein G purified
Purification notes	Purity >95%.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab238677** in the following tested applications.

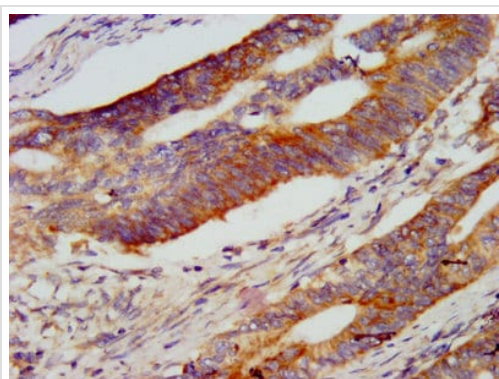
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/500 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		1/200 - 1/500.

Target

Involvement in disease Note=A chromosomal aberration involving ALO17 is associated with anaplastic large-cell lymphoma (ALCL). Translocation t(2;17)(p23;q25) with ALK.

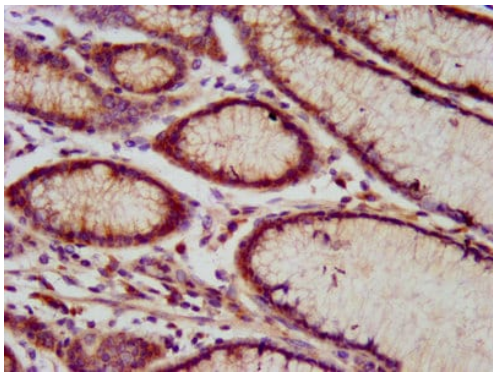
Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-C17orf27 antibody (ab238677)

Paraffin-embedded human colon cancer tissue stained for RNF213 using ab238677 at 1/800 dilution in immunohistochemical analysis.

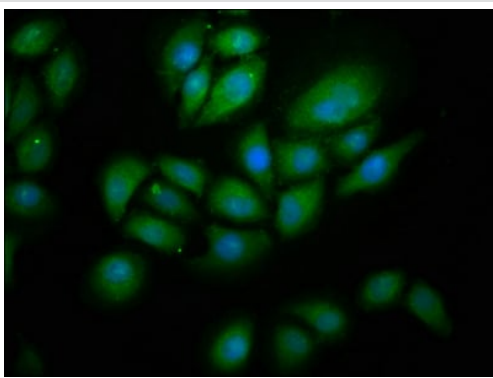
After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-C17orf27 antibody (ab238677)

Paraffin-embedded human gastric cancer tissue stained for RNF213 using ab238677 at 1/800 dilution in immunohistochemical analysis.

After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunocytochemistry/ Immunofluorescence - Anti-C17orf27 antibody (ab238677)

A549 (human lung carcinoma cell line) cells stained for RNF213 (green) using ab238677 at 1/266 dilution in ICC/IF, followed by Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG (H+L) secondary antibody.

The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. Nuclear counterstain was DAPI (Blue).

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

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