



Product datasheet

Anti-APOBEC3B antibody ab222330

★★★★★ 3 Abreviews 1 References 1 Image

Overview

Product name	Anti-APOBEC3B antibody
Description	Rabbit polyclonal to APOBEC3B
Host species	Rabbit
Tested applications	Suitable for: ICC/IF
Species reactivity	Reacts with: Human
Immunogen	<p>Recombinant fragment corresponding to Human APOBEC3B aa 255-279. Sequence:</p> <p>ELRFLDLVPSLQLDPAQIYRVTFI</p> <p>Database link: Q9UH17</p> <p style="text-align: right;">  Run BLAST with  Run BLAST with </p>
Positive control	ICC/IF: A431 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
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: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab222330** in the following tested applications.

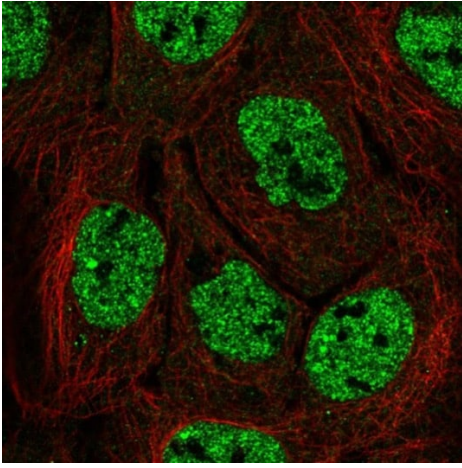
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		Use a concentration of 0.25 - 2 µg/ml. Fixation/Permeabilization: PFA/Triton X-100.

Target

Relevance	APOBEC3B is a member of the cytidine deaminase gene family. However, it lacks cytidine deaminase activity, at least on RNA molecules (monomeric nucleoside substrates or synthetic apoB, NF1 and NAT1 RNA template). It binds to apoB and AU-rich RNAs. It is unable to reduce HIV-1 infectivity in vitro.
Cellular localization	Nuclear

Images



PFA-fixed, Triton X-100 permeabilized A431 (human epidermoid carcinoma cell line) cells stained for APOBEC3B (green) using ab222330 at 4 µg/ml in ICC/IF.

Immunocytochemistry/ Immunofluorescence - Anti-APOBEC3B antibody (ab222330)

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

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