


## Product datasheet

### Anti-AZI1 antibody ab84864

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#### Overview

<b>Product name</b>	Anti-AZI1 antibody
<b>Description</b>	Rabbit polyclonal to AZI1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Chimpanzee, Gorilla, Orangutan 
<b>Immunogen</b>	Synthetic peptide, corresponding to a region between residue 1033 and 1083 of human AZI1 (EAW89632.1)
<b>Positive control</b>	HeLa Cells.
<b>General notes</b>	<p>Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p> <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

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	<p>pH: 6.8</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituents: 0.1% BSA, Tris buffered saline</p>
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	Purified using an epitope specific to AZI1 immobilized on solid support.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab84864 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		

### Application notes

ICC/IF: 1/100 - 1/500. Formaldehyde-Fixed or Acetone fixed cells.  
Permeabilization with Triton-X 100 is recommended.

Not yet tested in other applications.  
Optimal dilutions/concentrations should be determined by the end user.

## Target

### Function

May play a role in spermatogenesis.

### Sequence similarities

Contains 1 IQ domain.

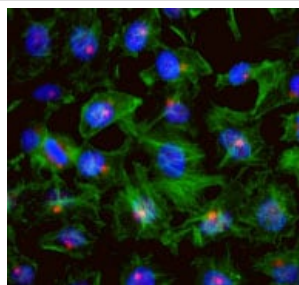
### Post-translational modifications

Phosphorylated upon DNA damage, probably by ATM or ATR.

### Cellular localization

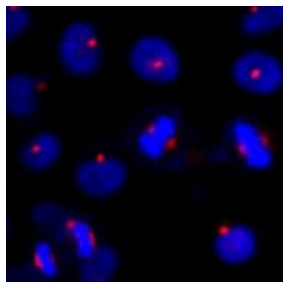
Cytoplasm > cytoskeleton > centrosome.

## Images



Immunocytochemistry/ Immunofluorescence - Anti-AZ11 antibody (ab84864)

ab84864 at 1/250 dilution staining AZ11 in asynchronous HeLa cells by Immunocytochemistry, NBF-fixed. Detection: Red-fluorescent goat anti-rabbit IgG highly cross-adsorbed Antibody Hilyte Plus™ 555 used at a dilution of 1/100.



Immunocytochemistry/ Immunofluorescence - Anti-AZ11 antibody (ab84864)

ab84864 at 1/250 dilution staining AZ11 in asynchronous HeLa cells by Immunocytochemistry, NBF-fixed. Detection: Red-fluorescent goat anti-rabbit IgG highly cross-adsorbed Antibody Hilyte Plus™ 555 used at a dilution of 1/100.

**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
- 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

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