

## Product datasheet

# Anti-Leishmania A2 antibody [C9] ab150344

### 2 References

#### Overview

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<b>Product name</b>	Anti-Leishmania A2 antibody [C9]
<b>Description</b>	Mouse monoclonal [C9] to Leishmania A2
<b>Host species</b>	Mouse
<b>Specificity</b>	ab150344 recognizes only the amastigote form of the A2 protein of <i>Leishmania donovani</i> and <i>infantum</i> . There is no cross reactivity with other <i>Leishmania</i> species. ab150344 recognizes the family of A2 proteins ranging from 42 to 100kDa.
<b>Tested applications</b>	<b>Suitable for:</b> WB, IP, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Leishmania
<b>Immunogen</b>	A2 protein from Leishmania donovani and infantum. Specific for amastigote stage
<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. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.40 Constituent: 99% PBS
	Contains no additives.
<b>Purity</b>	Protein G purified
<b>Purification notes</b>	Lyophilized protein G purified in PBS pH7.4
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	C9

Isotype

IgG1

## Applications

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### The Abpromise guarantee

Our [Abpromise guarantee](#) covers the use of ab150344 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		1/100.
IP		Use at an assay dependent dilution.
ICC/IF		Use at an assay dependent dilution.

## Target

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### Relevance

*Leishmania donovani* protozoa is responsible for human visceral leishmaniasis. During their life cycle, the parasites exist in 2 forms: as flagellated promastigote within the sandfly vector and as non flagellated amastigote in the macrophage phagolysosomal compartment of the mammalian host. A2 protein is an amastigote specific virulence factor that is required for *Leishmania donovani* parasite survival in a mammalian host.

**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
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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