

Product datasheet

Anti-Canine Heartworm antibody ab193773

Overview

Product name	Anti-Canine Heartworm antibody
Description	Chicken polyclonal to Canine Heartworm
Host species	Chicken
Tested applications	Suitable for: WB, IP, ICC/IF, Sandwich ELISA
Species reactivity	Reacts with: Canine heartworm
Immunogen	Tissue, cells or virus corresponding to Canine heartworm (<i>Dirofilaria immitis</i>) Heartworm. (Soluble extract of from both male and female heartworms).

General notes

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.

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

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: 0.1% Sodium azide Constituent: 99% PBS
Purity	Immunogen affinity purified
Purification notes	Eggs were collected, the IgY fraction prepared and the anti <i>D. immitis</i> antibody was immunoaffinity purified off a <i>D. immitis</i> extract solid phase support.
Clonality	Polyclonal
Isotype	IgY

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab193773 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		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.
Sandwich ELISA		Use at an assay dependent concentration. Works well together as capture and probe.

Target

Relevance

Canine heartworm (*Dirofilaria immitis*) is transmitted by mosquitoes. Adult nematodes reach 10 to 12 inches in length and live in the peripheral branches of the pulmonary arteries, producing large numbers of microscopic offspring (microfilaria) which circulate throughout the bloodstream. Heartworm disease is caused by the body's immunologic reaction to the presence of the adults and offspring, damaging the vasculature system of the lungs.

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

- 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

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

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors