Datasheet for ABIN7478263

anti-Canine Heartworm antibody (FITC)

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Overview

Quantity:	1 mL
Target:	Canine Heartworm
Reactivity:	Dirofilaria immitis
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Canine Heartworm antibody is conjugated to FITC
Application:	Functional Studies (Func)

Product Details

Immunogen:	Dirofiliaria immitis
Isotype:	IgG
Specificity:	Soluble & structural antigens of the adult worm
Cross-Reactivity (Details):	Antiserum is not absorbed for related filarial Nematodes UNINFECTED CELL REACTIVITY: Non-reactive with canine serum
Purification:	This product consists of purified IgG fraction of the above antiserum covalently coupled with high purity Isomer I of fluorescein isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product.

Target Details

Target:	Canine Heartworm
Abstract:	Canine Heartworm Products

Application Details

Application Notes:	TITER : > 1:6,000 by ELISA, Applications for this product include direct FA staining of target antigens in a permissive tissue culture system. Working dilutlion must be determined by the user for his or her application but a starting range of 1:10 - 1:50 is suggested. Acetone fixation of the antigen source is recommended prior to staining. We also recommend use of COUNTERSTAIN/BLOCKING DILUENT (Cat.#) and MOUNTING MEDIUM (Cat.#) for optimum product performance. Enzyme amplification following reaction with FITC conjugate can also be accomplished utilizing enzyme-antibody conjugates specific to FITC (Cat.#s &).
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	The product is formulated in a phosphate saline buffer (0.01M, pH 7.2) containing bovine serum albumin (10 mg/mL) as a stabilizer and 0.1 % sodium azide preservative.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Recommened short term (<6 months) storage is liquid at 2-8°C under subdued light. For longer term storage, aliquot and freeze.

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