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Datasheet for ABIN7478291

anti-Diphtheria Toxin antibody (FITC)

Overview

Quantity:	1 mL
Target:	Diphtheria Toxin
Reactivity:	Corynebacterium diphtheriae
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Diphtheria Toxin antibody is conjugated to FITC
Application:	Functional Studies (Func)

Product Details

Immunogen:	Purified diphtheria toxoid
Isotype:	IgG
Specificity:	Purified diphtheria toxin/toxoid
Cross-Reactivity (Details):	Demonstrated reactivity with purified toxin
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:	Diphtheria Toxin
Abstract:	Diphtheria Toxin Products

Application Details

Application Notes: TITER : neat in gel techniques, Applications for this product include direct FA staining of target antigens in a permissive tissue culture system. Working dilution 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: Recommended short term (<6 months) storage is liquid at 2-8°C under subdued light. For longer term storage, aliquot and freeze.