



Datasheet for ABIN5596962
anti-R-Phycoerythrin antibody



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Overview

Quantity:	1 mg
Target:	R-Phycoerythrin
Reactivity:	Please inquire
Host:	Goat
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Immunogen: This affinity purified antibody was prepared from whole goat serum produced by repeated immunizations with highly purified R-Phycoerythrin from the seaweed gracilaria. Immunogen Type: Native Protein
Isotype:	IgG
Cross-Reactivity (Details):	This antibody will cross react with B-Phycoerythrin. Reactivity with other phycobiliproteins is unknown.
Purification:	This product was prepared from monospecific antiserum by immunoaffinity chromatography using a R-Phycoerythrin coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum and R-Phycoerythrin conjugated IgG.

Target Details

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Target Details

Alternative Name: R-Phycoerythrin ([R-Phycoerythrin Products](#))

Target Type: Chemical

Application Details

Application Notes: Immunohistochemistry Dilution: 1:1,000 - 1:5,000
Application Note: Suitable for ELISA, western blotting, fluorescent assays, immunoprecipitation, immunodiffusion, conjugation to magnetic particles (beads) and most other immunological methods requiring lot-to-lot consistency, high titer and specificity. Although not specifically tested, this reagent should also be useful for FACS and other fluorescent immunoassays. R-Phycoerythrin (240 kDa) is a labile molecule that may dissociate into components upon exposure to reducing or denaturing agents. Reaction with low molecular fragments is typically noted by western blot.
Western Blot Dilution: 1:2,000 - 1:10,000
ELISA Dilution: 1:20,000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1.0 mg/mL

Buffer: Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Stabilizer: None

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: Store vial at 4° C prior to opening. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiry Date: 12 months

Publications

Product cited in: Jackson-Thompson, Kim, Jaiswal, Scott, Jones, Morris, Fite, Laurie, Hoy, Dardzinski, Mitre: "Brugia malayi infection in ferrets - A small mammal model of lymphatic filariasis." in: **PLoS neglected tropical diseases**, Vol. 12, Issue 3, pp. e0006334, (2018) ([PubMed](#)).