

Datasheet for ABIN7565833

anti-RFP antibody



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	RFP
Reactivity:	Discosoma
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This RFP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Fluorescence Microscopy (FM)

Product Details

Purpose:	RFP Antibody
Immunogen:	Immunogen: The immunogen is a Red Fluorescent Protein (RFP) fusion protein corresponding to the full length amino acid sequence (234aa) derived from the mushroom polyp coral Discosoma. Immunogen Type: Recombinant Protein
Cross-Reactivity (Details):	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum and purified and partially purified Red Fluorescent Protein (Discosoma).
Characteristics:	Synonyms: goat anti-RFP antibody, DsRed, rDsRed, Discosoma sp. Red Fluorescent Protein, Red fluorescent protein drFP583
Purification:	Anti-RFP (GOAT) is an IgG fraction purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above.

Product Details

Sterility: Sterile filtered

Target Details

Target:	RFP
Alternative Name:	DsRed (RFP Products)
Background:	Background: Antibodies to RFP (Discosoma spp.) are intended for use in immunological assays including ELISA, western blotting, immunofluorescence, and fluorescence activated cell sorting (FACS).
UniProt:	Q9U6Y8

Application Details

Application Notes:	Application Note: Polyclonal anti-RFP has been tested by and western blot and is designed to detect RFP and its variants. Optimal titers for applications should be determined by the researcher. Expect a band ~27 kDa in Western Blot in the appropriate cell lysate or extract. Western Blot Dilution: 1:1000-1:10,000 ELISA Dilution: 1:2,000 - 1:10,000 IF Microscopy Dilution: User Optimized Other: User Optimized
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: None Preservative: 0.01 % (w/v) Sodium Azide
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 -20° C prior to opening. 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

Handling

liquid. Dilute only prior to immediate use.

Expiry Date: 12 months