

Product Datasheet

Rabbit IgG Fc Antibody Rhodamine Conjugated (orb347647)

Description	Rabbit IgG F(c) antibody (TRITC)
Species/Host	Goat
Reactivity	Rabbit
Conjugation	TRITC
Tested Applications	FC, FLISA, IF
Immunogen	Rabbit IgG F(c) fragment
Preservatives	0.01% (w/v) Sodium Azide
Form/Appearance	Lyophilized
Concentration	2.0 mg/mL
Storage	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. 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.
Note	For research use only
Application notes	This product is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.
Isotype	IgG
Clonality	Polyclonal

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Antibody Type

Secondary Antibody

Purity

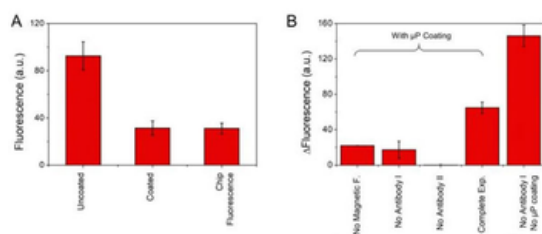
This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rabbit IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Rabbit IgG, Rabbit IgG F(c) and Rabbit Serum. No reaction was observed against Rabbit IgG F(ab).

Dilution Range

FLISA: 1:10,000 - 1:50,000, FC: 1:500 - 1:2,500, IF: 1:1,000 - 1:5,000

Expiration Date

12 months from date of receipt.



(a) Channels coating: remnant fluorescence due to nonspecific binding of anti-rabbit IgG labeled with B-rhodamine (p/n orb347647) [AbII] at a concentration of 100 µg/ml in uncoated and coated microchannels with silane-PEG. (b) Fluorescence obtained from the complete immunoassay at a flow rate of 5 µl/h and at a anti-biotin rabbit IgG (p/n orb750609) [AbI] concentration of 50 pg/ml is compared to the fluorescence obtained from the immunoassay performed without applying the magnetic field (column 1), without adding anti-biotin rabbit IgG (p/n orb750609) [AbI] (column 2), without adding), anti-rabbit IgG labeled with B-rhodamine (p/n orb347647) [AbII] (column 3), and, finally, the efficacy of the microparticles coating was tested by performing the immunoassay without anti-biotin rabbit IgG (p/n orb750609) [AbI] and with noncoated microparticles (column 5). The level of fluorescence of the two first columns in b results from nonspecific interactions of anti-rabbit IgG labeled with B-rhodamine (p/n orb347647) [AbII] with the microparticles. Error bars are standard deviation.

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