

Product Datasheet

Rabbit IgG Fc Antibody Rhodamine Conjugated (orb347647)

Catalog Number orb347647

Category Antibodies

Description Rabbit IgG F(c) antibody (TRITC)

Clonality Polyclonal

Species/Host Goat

Isotype lgG

Conjugation TRITC

Reactivity Rabbit

Form/Appearance Lyophilized

Concentration 2.0 mg/mL

Buffer/Preservatives 0.01% (w/v) Sodium Azide

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).

Immunogen Rabbit IgG F(c) fragment

Tested applications FC, FLISA, IF

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

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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.

Antibody Type

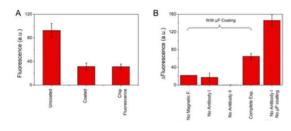
Secondary Antibody

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



(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), antirabbit 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 antirabbit IgG labeled with B-rhodamine (p/n orb347647) [AbII] with the microparticles. Error bars are standard deviation.