

Product Datasheet

Rat IgM (mu chain) Antibody Fluorescein Conjugated (orb347807)

Description Rat IgM (mu chain) antibody (FITC)

Species/Host Goat

Reactivity Rat

Conjugation FITC

Tested Applications FC, FLISA, IF

Immunogen Rat IgM whole molecule

Preservatives 0.01% (w/v) Sodium Azide

Form/Appearance Lyophilized

Concentration 1.0 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 lgG

Clonality Polyclonal





Purity

This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rat IgG coupled to agarose beads followed by solid phase

adsorption(s) to remove any unwanted reactivities. Assay by

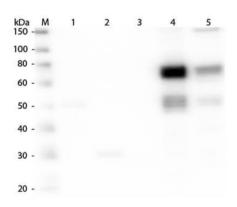
immunoelectrophoresis resulted in a single precipitin arc against anti-

Fluorescein, anti-Goat Serum, Rat IgM and Rat Serum. No reaction was observed

against other rat heavy or light chain proteins.

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.



Western Blot of Anti-Rat IgM (mu chain) (GOAT) Antibody (p/n orb347802). Lane M: 3 µl Molecular Ladder. Lane 1: Rat IgG whole molecule (p/n orb2652744). Lane 2: Rat IgG F(c) Fragment (p/n orb346338). Lane 3: Rat IgG Fab Fragment (p/n orb346340). Lane 4: Rat IgM Whole Molecule (p/n orb346341). Lane 5: Rat Serum. All samples were reduced. Load: 50 ng per lane. Block: orb348637 for 30 min at RT. Primary Antibody: Anti-Rat IgM (mu chain) (GOAT) Antibody (p/n orb347802) 1:1000 for 60 min at RT. Secondary Antibody: Anti-Goat IgG (DONKEY) Peroxidase Conjugated Antibody 1:40000 in orb348637 for 30 min at RT. Predicted/Observed Size: 25 and 55 kDa for Rat IgG and Serum, 25 kDa for F(c) and Fab, 78 and 25 kDa for IgM. Rat F(c) migrates slightly higher.