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Rat IgG Texas Red™

Catalog # ASR1216

Product Information

Description	RAT IgG whole molecule Texas Red™ conjugated
Conjugate	Texas Red®
FP Value	3.2 moles Texas Red® per mole of Rat IgG
Physical State	Lyophilized
Host Isotype	IgG
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Species of Origin	Rat
Reconstitution Volume	1.0 mL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Stabilizer	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative	0.01% (w/v) Sodium Azide

Additional Information

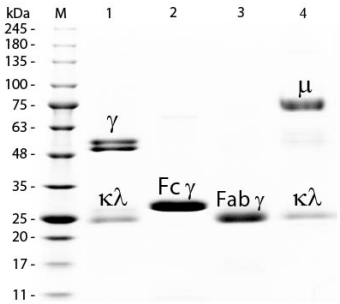
Shipping Condition	Ambient
Purity	This product was prepared from normal serum by delipidation, salt fractionation, ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectro-phoresis resulted in a single precipitin arc against anti-Rat IgG and anti-Rat Serum.
Storage Condition	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.
Precautions Note	This product is for research use only and is not intended for therapeutic or diagnostic applications.

Background

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.

Images

SDS-PAGE of Rat IgG Whole Molecule Texas Red™ Conjugated (p/n ASR1216). Lane M: 3 µL Opal Prestained Marker (p/n MB-210-0500). Lane 1: Reduced Rat IgG Whole Molecule Texas Red™ Conjugated (p/n ASR1216).



Lane 2: Reduced Rat IgG F(c) Fragment (p/n 012-0103).
Lane 3: Reduced Rat IgG F(ab) Fragment (p/n 012-0105).
Lane 4: Reduced Rat IgM Whole Molecule (p/n 012-0107).
Load: 1 µg of IgG, F(c), F(ab); 1.5 µg of IgM.
Predicted/Observed size: IgG at 55 and 25 kDa; F(c) at 25 kDa; F(ab) at 25 kDa; IgM at 78 and 25 kDa. Observed F(c) Fragment migrates slightly higher.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.