

Rat IgG F(ab')2 Texas Red™

Catalog # ASR1507

Specification

Rat IgG F(ab')2 Texas Red™ - Product Information

Description RAT IgG F(ab')2 fragment Texas

Red™ conjugated
Conjugate

Physical State
Host Isotype

Red™ conjugated

Texas Red®

Lyophilized

IgG F(ab')2

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

Rat IgG F(ab')2 Texas Red™ - Additional Information

Shipping Condition

Ambient

Purity

This product was prepared from normal serum by delipidation, salt fractionation, ion exchange chromatography followed by pepsin digestion and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rat IgG, anti-Rat IgG F(ab')2 and anti-Rat Serum. No reaction was observed against anti-Rat IgG F(c) or anti-Pepsin.

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.

Rat IgG F(ab')2 Texas Red™ - Protein Information

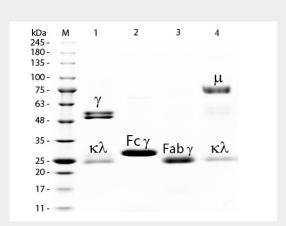
Rat IgG F(ab')2 Texas Red™ - Protocols

Provided below are standard protocols that you may find useful for product applications.



- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Rat IgG F(ab')2 Texas Red™ - Images



SDS-PAGE of Rat IgG F(ab')2 Fragment Texas Red $^{\text{TM}}$ Conjugated . Lane M: 3 μ L Opal Prestained Marker . Lane 1: Reduced Rat IgG Whole Molecule . Lane 2: Reduced Rat IgG F(c) Fragment . Lane 3: Reduced Rat IgG F(ab')2 Fragment Texas Red $^{\text{TM}}$ Conjugated . Lane 4: Reduced Rat IgM Whole Molecule . Load: 1 μ g of IgG, F(c) and F(ab')2; 1.5 μ g of IgM. Predicted/Observed size: IgG at 55 and 25 kDa; F(c) at 25 kDa; F(ab')2 at 25 kDa; IgM at 78 and 25 kDa. Observed F(c) Fragment migrates slightly higher.

Rat IgG F(ab')2 Texas Red™ - 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.