

# Goat IgG F(ab')2 Fluorescein

Catalog # ASR1188

# **Specification**

# Goat IgG F(ab')2 Fluorescein - Product Information

Description GOAT IgG F(ab')2 fragment

Conjugate Fluorescein conjugated Fluorescein (FITC)

FP Value 2.0 moles Fluorescein (FITC) per mole of

Goat IgG F(ab')2

Physical State
Host Isotype
Lyophilized
IgG F(ab')2

Buffer 0.02 M Potassium Phosphate, 0.15 M

Sodium Chloride, pH 7.2

Species of Origin
Reconstitution Volume

Goat
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) Thimerosal

# Goat IgG F(ab')2 Fluorescein - Additional Information

### **Shipping Condition**

**Ambient** 

#### Purity

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

### **Storage Condition**

Store vial at  $4^{\circ}$  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  $4^{\circ}$  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.

## Goat IgG F(ab')2 Fluorescein - Protein Information

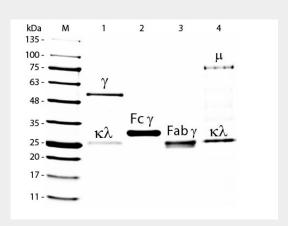
# Goat IgG F(ab')2 Fluorescein - Protocols



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

# Goat IgG F(ab')2 Fluorescein - Images



SDS-PAGE of Goat IgG F(ab')2 Fragment Fluorescein Conjugated . Lane M: 5  $\mu$ L Opal Prestained Marker . Lane 1: Reduced Goat IgG Whole Molecule . Lane 2: Reduced Goat IgG F(c) Fragment . Lane 3: Reduced Goat IgG F(ab')2 Fragment Fluorescein Conjugated . Lane 4: Reduced Goat IgM Whole Molecule . Load: 1  $\mu$ g for IgG, F(c) and F(ab')2; 3  $\mu$ g for IgM. Predicted/Observed size: IgG at 50 and 25 kDa; F(c) at 25 kDa; F(ab) at 25 kDa; IgM at 70 and 23 kDa. Observed F(c) Fragment migrates slightly higher.

## Goat IgG F(ab')2 Fluorescein - 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.