

## CERTIFICATE OF ANALYSIS

### Product Information

---

Product Name:	Goat Anti-Mouse IgG F(ab') <sub>2</sub> [FITC],pAb
Cat. No.:	A10092
Lot No.:	C60921704
Size:	2mg
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.

---

### Quality Control

---

Concentration:	2.0 mg/mL by UV absorbance at 280 nm
Physical State:	Lyophilized
Label:	Fluorescein (FITC)
Color:	Green
Label M/W:	390
F/P Ratio:	3.0
Conjugation Chemistry:	Isothiocyanate
Excitation Wavelength:	495
Emission Wavelength:	528
Host:	Goat
Buffer:	0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Stabilizer:	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative:	0.01% (w/v) Sodium Azide
Reconstitution Buffer:	Restore with deionized water (or equivalent)
Reconstitution Volume:	1.0 mL

---

Expiration:	Expiration date is one (1) year from date of opening.
Synonyms:	FITC
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.
Purity and Specificity:	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG coupled to agarose beads. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein, anti-Goat Serum, Mouse IgG, Mouse IgG F(ab') <sub>2</sub> and Mouse Serum. No reaction was observed against Mouse IgG F(c).
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
FLISA:	1:10,000 - 1:50,000
IF Microscopy:	1:1,000 - 1:5,000
Immunogen:	Mouse IgG F(ab') <sub>2</sub> fragment

---

**Caution:**

For laboratory use only. Not for household use. If you have any questions about the Certificate of Analysis, please contact our customer service representative at 1-877-436-7274 (Toll-Free), or 1-732-885-9188.

Certified by:  Date: 04/19/2017  
Product Department