

Datasheet for 700-101-096

## F(Ab')<sub>2</sub> Fluorescein Antibody

### Overview

<b>Description:</b>	F(ab') <sub>2</sub> Anti-Fluorescein (GOAT) Antibody - 700-101-096
<b>Item No.:</b>	700-101-096
<b>Size:</b>	1 mg
<b>Reactivity:</b>	Fluorescein
<b>Host Species:</b>	Goat

### Product Details

<b>Background:</b>	F(ab') <sub>2</sub> Anti-Fluorescein Antibody generated in goat detects fluorescein. It is an organic dye used as a fluorescent tracer in many application including cellular staining.
<b>Synonyms:</b>	goat F(ab') <sub>2</sub> anti-Fluorescein Antibody, goat F(ab') <sub>2</sub> anti-FITC Antibody
<b>Host Species:</b>	Goat
<b>Clonality:</b>	Polyclonal
<b>Format:</b>	IgG F(ab') <sub>2</sub>

### Target Details

<b>Reactivity:</b>	Fluorescein
<b>Immunogen Type:</b>	Other
<b>Immunogen:</b>	Fluorescein conjugated to Goat IgG
<b>Purity/Specificity:</b>	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Fluorescein coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, pepsin digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum and Fluorescein conjugated BSA. No reaction was observed against anti-Pepsin or anti-Goat IgG F(c).

### Application Details

**Application Note:** 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 as well as other antibody based fluorescent assays requiring lot-to-lot consistency.

<b>Assay Dilutions:</b>	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
<b>ELISA:</b>	1:2,000 - 1:8,000
<b>IHC:</b>	User Optimized
<b>WB:</b>	1:200 - 1:1,000

## Formulation

<b>Physical State:</b>	Liquid (sterile filtered)
<b>Concentration:</b>	1.0 mg/mL by UV absorbance at 280 nm
<b>Buffer:</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Preservative:</b>	0.01% (w/v) Sodium Azide
<b>Stabilizer:</b>	None

## Shipping & Handling

<b>Shipping Condition:</b>	Wet Ice
<b>Storage Condition:</b>	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. 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.
<b>Expiration:</b>	Expiration date is one (1) year from date of receipt.

## Disclaimer

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