

FITC F(ab')₂ Goat anti-human IgG Fcγ Antibody

Catalog# / Size	398006 / 100 µg
Clone	Poly23980
Regulatory Status	RUO
Isotype	Goat Polyclonal Ig
Description	IgG Fc is a homodimer that is composed of the constant region of the two heavy chains that form the IgG molecule. The Fc fragment mediates opsonization, antibody dependent cellular cytotoxicity (ADCC), and complement activation through binding to Fc receptors such as CD16, CD32, CD64, and the complement factor C1.

Product Details

Verified Reactivity	Human
Antibody Type	Polyclonal
Host Species	Goat
Formulation	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Preparation	The antibody was purified by affinity chromatography and conjugated with FITC under optimal conditions.
Concentration	1.5 mg/ml
Storage & Handling	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.
Application	FC - Quality tested
Recommended Usage	Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis . For flow cytometric staining, the suggested use of this reagent is ≤0.5 µg per million cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.
Excitation Laser	Blue Laser (488 nm)
RRID	AB_2820064 (BioLegend Cat. No. 398006)

Antigen Details

Structure	Homodimer formed by the constant region of the IgG heavy chain
Distribution	B cells
Ligand/Receptor	CD16, CD32, and CD64
Cell Type	B cells
Biology Area	Immunology
Antigen References	1. Paul WE. 2003. <i>Fundamental Immunology</i> . Lippincott, Williams & Wilkins, Philadelphia.
Gene ID	NA

Related Protocols

Other Formats

PE F(ab')₂ Goat anti-human IgG Fcy, FITC F(ab')₂ Goat anti-human IgG Fcy

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8999 BioLegend Way, San Diego, CA 92121 www.biolegend.com
Toll-Free Phone: 1-877-Bio-Legend (246-5343) Phone: (858) 768-5800 Fax: (877) 455-9587