

FITC F(ab')₂ Goat anti-human IgG Fc_γ

Catalog # / Size: 2590030 / 100 µg

Clone: Poly23980

Isotype: Goat Polyclonal Ig

Reactivity: Human

Preparation: The antibody was purified by affinity chromatography and conjugated with FITC under optimal conditions. The solution is free of unconjugated FITC and unconjugated antibody.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 1.5 mg/ml

Applications:

Applications: Flow Cytometry

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.

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.

Antigen References: 1. Paul WE. 2003. *Fundamental Immunology*. Lippincott, Williams & Wilkins, Philadelphia.