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Anti-Human IgG F(c) Secondary Antibody

Goat Polyclonal, Unconjugated
Catalog # ASR2340

Product Information

Description	Anti-HUMAN IgG F(c) (GOAT) Antibody
Host	Goat
Conjugate	Unconjugated
Target Species	Human
Clonality	Polyclonal
Physical State	Liquid (sterile filtered)
Host Isotype	IgG
Target Isotype	IgG F(c)
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Immunogen	Human IgG F(c) fragment
Stabilizer	None
Preservative	0.01% (w/v) Sodium Azide

Additional Information

Shipping Condition	Wet Ice
Application Note	Human IgG F(c) Antibody is suitable for immunoassays where specificity to the immunoglobulin Fc region is desired. Antibody has been tested by ELISA, western blot immunoblot, and immunohistochemisty. Optimal concentrations in immunoassays should be determined by the researcher.
Purity	Anti-HumanIgG F(c) Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Human IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Human IgG, Human IgG F(c) and Human Serum. No reaction was observed against Human IgG F(ab')2.
Storage Condition	Store vial at 4° C prior to opening. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing.
Precautions Note	This product is for research use only and is not intended for therapeutic or diagnostic applications.

Background

The anti-HumanIgG F(c) Antibody detects the Fc constant subdomain of the heavy chain subunit. Immunoglobulins are heterotetramers composed of 2 immunoglobulin heavy and 2 immunoglobulin light chains. The immunoglobulin heavy chain has a constant region and variable region. The constant is used for

immunomodulation, the variable region makes one half of the antigen binding F(ab).