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Rabbit IgG / APC-Cy5.5

Catalog Number: bs-0295P-APC-Cy5.5

Concentration: 1.0 mg/ml

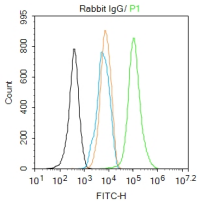
Form: Liquid

Applications: Isotype Control, etc.

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% glycerol.
Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: IgG antibodies are large molecules of about 150 kDa made of four peptide chains. It contains two identical class γ heavy chains of about 50 kDa and two identical light chains of about 25 kDa, thus a tetrameric quaternary structure. The two heavy chains are linked to each other and to a light chain each by disulfide bonds. The resulting tetramer has two identical halves, which together form the Y-like shape. Each end of the fork contains an identical antigen binding site. The Fc regions of IgGs bear a highly conserved N-glycosylation site. The N-glycans attached to this site are predominantly core-fucosylated diantennary structures of the complex type. In addition, small amounts of these N-glycans also bear bisecting GlcNAc and α-2,6-linked sialic acid residues.

VALIDATION IMAGES



Blank control:NIH/3T3. Isotype Control:Rabbit IgG(bs-0295P) Dilution: 1ug/Test; Primary Antibody (green line): Rabbit Anti- beta-Actin antibody (bs- 0061R) Dilution: 1ug/Test; Secondary Antibody : Goat anti-rabbit IgG-FITC Dilution: 1ug/Test. Protocol The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 0.1% PBST for 20 min at room temperature.The cells were incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. Isotype control antibody (orange line) was rabbit IgG . The secondary antibody(blue line) used for 40 min at room temperature.Acquisition of 20,000 events was performed.