

bs-0295G-PE-Cy7

[Secondary Antibodies]

Goat Anti-Rabbit IgG H&L, PE-Cy7 conjugated

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— DATASHEET —

Host: Goat	Isotype: IgG	Applications: IF (1:100-1000)
Clonality: Polyclonal		Flow-Cyt (1:100-1000)
Target: Goat Anti-Rabbit IgG H&L		ICC/IF (1:100-1000)
Purification: affinity purified by Protein G, nonspecific adsorbed		Excitation Spectrum: 488nm
Concentration: 2.0 mg/ml		Emission spectrum: 780nm
Storage: 10 mM TBS (pH=7.4) with 1% BSA, 0.03% Proclin300 and 50% glycerol. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		Reactivity: Rabbit
Background: Immunoglobulin G (IgG), is one of the most abundant proteins in serum with normal levels between 8-17 mg/mL in adult blood. IgG is important for our defence against microorganisms and the molecules are produced by B lymphocytes as a part of our adaptive immune response. The IgG molecule has two separate functions; to bind to the pathogen that elicited the response and to recruit other cells and molecules to destroy the antigen. The variability of the IgG pool is generated by somatic recombination and the number of specificities in an individual at a given time point is estimated to be 1011 variants.		

— SELECTED CITATIONS —

- **[IF=7.5]** Zizhuo Yang. et al. ILC2-derived CGRP triggers acute inflammation and nociceptive responses in bacterial cystitis. CELL REP. 2024 Oct;43: ;. 39412984
- **[IF=5.511]** Zhang W et al. SOCS3 Suppression Promoted the Recruitment of CD11bGr-1F4/80MHCII Early-Stage Myeloid-Derived Suppressor Cells and Accelerated Interleukin-6-Related Tumor Invasion Affecting Myeloid Differentiation in Breast Cancer. Front Immunol. 2018 Jul 23;9:1699. FCM ;Rabbit. 30083161