bs-0295G-PE **[Secondary Antibodies]**

Goat Anti-Rabbit IgG H&L, PE conjugated

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DATASHEET

Host: Goat **Isotype:** IgG

Clonality: Polyclonal

Target: Goat Anti-Rabbit IgG H&L

Purification: affinity purified by Protein G, nonspecific adsorbed

Concentration: 2.0 mg/ml

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.

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.

Applications: **IF** (1:100-1000)
Flow-Cyt (1:100-1000)
ICC/IF (1:100-1000)

Excitation Spectrum: 496/564nm
Emission spectrum: 578nm

Reactivity: Rabbit

SELECTED CITATIONS

- **[IF=19]** Min Li. et al. Cationic Lipids-Mediated Dual-Targeting of Both Dendritic Cells and Tumor Cells for Potent Cancer Immunotherapy. ADV FUNCT MATER. 2023 Sep;:2306752 IF ;Mouse. 10.1002/adfm.202306752
- **[IF=14.7]** Xiao, Youmei. et al.A covalent peptide-based lysosome-targeting protein degradation platform for cancer immunotherapy.NATURE COMMUNICATIONS.2025 Feb 6;16(1):1388. IF ;. 39910101
- **[IF=8.7]** Zouwei Li. et al.Hydrogel inspired by "adobe" with antibacterial and antioxidant properties for diabetic wound healing.MATERIALS TODAY BIO.2025 Jan 10:31:101477. IF ;Human. 39885943
- **[IF=7.5]** Liu Tingjun. et al. Menin orchestrates hepatic glucose and fatty acid uptake via deploying the cellular translocation of SIRT1 and PPARγ. CELL BIOSCI. 2023 Dec;13(1):1-20 IF ;Mouse. 37740216
- **[IF=7.59]** Guoyun Wan. et al. Endoplasmic reticulum-targeted NIR-II phototherapy combined with inflammatory vascular suppression elicits a synergistic effect against TNBC. BIOMATER SCI-UK. 2023 Jan;: IF ;Mouse. 36692120