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

Goat Anti-Rabbit IgG H&L, APC 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** (1:100-500)
Flow-Cyt (1:100-1000)
ICC/IF (1:100-1000)

Excitation Spectrum: 650nm
Emission spectrum: 660nm

Reactivity: Rabbit

SELECTED CITATIONS

- **[IF=14.593]** Jiamin Zhong. et al. Reversibly immortalized keratinocytes (iKera) facilitate re-epithelization and skin wound healing: Potential applications in cell-based skin tissue engineering. Bioact Mater. 2021 Jul;: IF ;Mouse. 10.1016/j.bioactmat.2021.07.022
- **[IF=10.2]** Wang Chao. et al. PD-L1 blockade TAM-dependently potentiates mild photothermal therapy against triple-negative breast cancer. J NANOBIOTECHNOL. 2023 Dec;21(1):1-21 IF ;Mouse. 38082443
- **[IF=7.035]** Jing Lv. et al. Artemisinin exerts a protective effect in the MPTP mouse model of Parkinson's disease by inhibiting microglial activation via the TLR4/Myd88/NF-KB pathway. CNS NEUROSCI THER. 2023 Jan;: IF ;Mouse. 36691817
- **[IF=5.875]** Yuan SJ. et al. Conjugation with nanodiamonds via hydrazone bond fundamentally alters intracellular distribution and activity of doxorubicin.. Int J Pharmaceut. 2021 Jul;606:120872-120872 FCM ;Mouse. 34246743
- **[IF=5.999]** Jinsheng Li. et al. Micro/nano-topography Promotes Osteogenic Differentiation of Bone Marrow Stem Cells by Regulating Periostin Expression. COLLOID SURFACE B. 2022 Jul;:112700 FCM ;Rat. 35907353