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

Goat Anti-Rabbit IgG H&L, RBITC 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** (1:200-1000)
Flow-Cyt (1:50-200)
ICC/IF (1:100-1000)

Excitation Spectrum: 540nm
Emission spectrum: 574nm

Reactivity: Rabbit

SELECTED CITATIONS

- **[IF=15.153]** Songlin Gong. et al. Tumor Microenvironment-Activated Hydrogel Platform with Programmed Release Property Evokes a Cascade-Amplified Immune Response against Tumor Growth, Metastasis and Recurrence. SMALL. 2022 Nov;:2107061 IF ;Mouse. 36323618
- **[IF=12.4]** Chao Li. et al. Genetic and pharmacological inhibition of GRPR protects against acute kidney injury via attenuating renal inflammation and necroptosis. MOL THER. 2023 Jul 05 IF ;Mouse. 37415332
- **[IF=10.8]** Ming-lu Ji. et al. Targeting Stat3 with conditional knockout or PROTAC technology alleviates renal injury by Limiting pyroptosis. EBIOMEDICINE. 2025 Jun;116: IF ;Mouse. 40344718
- **[IF=8.59]** Hu et al. MARCH5 RNA promotes autophagy, migration, and invasion of ovarian cancer cells. (2017) Autophagy. 13:333-344 IF ;Rabbit. 27875077
- **[IF=9]** Ma Nannan. et al. CHOP-mediated Gasdermin E expression promotes pyroptosis, inflammation, and mitochondrial damage in renal ischemia-reperfusion injury. CELL DEATH DIS. 2024 Feb;15(2):1-17 IF ;Mouse. 38388468