bs-0295D-BF488 **[Secondary Antibodies]**

Donkey Anti-Rabbit IgG H&L, BF488 conjugated

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DATASHEET

Host: Donkey **Isotype:** IgG

Clonality: Polyclonal

Target: Donkey Anti-Rabbit IgG H&L

Purification: affinity purified by Protein G

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: 488nm
Emission spectrum: 519nm

Reactivity: Rabbit

SELECTED CITATIONS

- **[IF=12.4]** Bingwei Wang. et al. βAR-mTOR-lipin1 pathway mediates PKA-RIIβ deficiency-induced adipose browning. THERANOSTICS. 2024; 14(13): 5316–5335 IF ;Mouse,Human. 39267778
- **[IF=11.5]** Zhongjie Tang. et al. Intrahepatic targeting and sustained release of a Toll like receptor 8 agonist enhances hepatocellular carcinoma therapy. J CONTROL RELEASE. 2025 Oct;:114320 IF ;Mouse. 41109559
- **[IF=10.2]** Li Mengting. et al. LncRNA-like MMP14 RNA facilitates colorectal cancer metastasis by suppressing H3K27cr at the STARD13 promoter region. CELL MOL BIOL LETT. 2025 Dec;30(1):1-20 FISH ;Human. 41053540
- **[IF=2.5]** Waqas Ahmad. et al. Distinct Gonadotropin Receptor Profiles Across Follicle Sizes Reveal Potential Mechanism for Follicular Co-dominance in Goats. THERIOGENOLOGY. 2025 Jun;:117552 IF ;Goat. 40602015
- **[IF=1.6]** Zhou Shinan. et al. Kaempferol ameliorated central nervous injury induced by alcohol uptake through improving intestinal barrier function. NEUROREPORT. 2025 Apr;:10.1097/WNR.0000000000002170 IF ;Mouse. 40298627