

bs-0295D-BF594**[Secondary Antibodies]**

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Donkey Anti-Rabbit IgG H&L, BF594 conjugated**— DATASHEET —**

Host: Donkey Clonality: Polyclonal Target: Donkey Anti-Rabbit IgG H&L Concentration: 1.0 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.	Isotype: IgG Applications: IF (1:100-1000) Flow-Cyt (1:100-1000) ICC/IF (1:100-1000) Excitation Spectrum: 594nm Emission spectrum: 621nm Reactivity: Rabbit
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— SELECTED CITATIONS —

- **[IF=13.7]** Liu Qiannv. et al. Eukaryotic ADCY7 catalyzes the production of c-di-AMP to activate the NLRP3 inflammasome. NAT CHEM BIOL. 2025 May;;1-9 IP ;Human. 40419769
- **[IF=6.4]** Qiannv Liu. et al.A VgrG2b fragment cleaved by caspase-11/4 promotes *Pseudomonas aeruginosa* infection through suppressing the NLRP3 inflammasome.ELIFE. IF ;Human. 10.7554/eLife.99939.2
- **[IF=5.9]** Dengfeng Ding. et al. Discovery of KDM5D as a novel biomarker for traumatic brain injury identified through bioinformatics analysis. FRONT IMMUNOL. 2025 Mar;16: IF ;Rat. 40196131
- **[IF=2.4]** Jie Zhao. et al. Effects of PPARG on the proliferation, apoptosis, and estrogen secretion in goat granulosa cells. THERIOGENOLOGY. 2025 Jan;231:62 IF ;Goat. 39413539
- **[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