

bs-0295D-BF594**[Secondary Antibodies]****BioSS**
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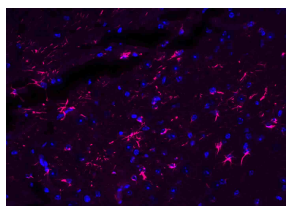
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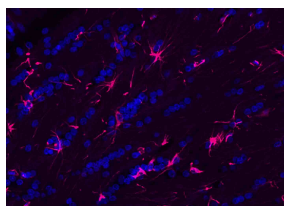
400-901-9800

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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— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (GFAP) Polyclonal Antibody, Unconjugated (bs-0199R) at 1:200 overnight at 4°C, followed by a conjugated Rabbit IgG H&L / BF594 antibody (bs-0295D-BF594) for 90 minutes, and DAPI for nuclei staining.



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (GFAP) Polyclonal Antibody, Unconjugated (bs-0199R) at 1:200 overnight at 4°C, followed by a conjugated Rabbit IgG H&L / BF594 antibody (bs-0295D-BF594) for 90 minutes, and DAPI for nuclei staining.

— SELECTED CITATIONS —

- **[IF=27.6]** Liu Qiannv. et al. Cytosolic CTH senses bacterial lipoproteins and drives noncanonical inflammasome activation. NAT IMMUNOL. 2026 Apr;;1-10 IF ;Mouse. 42062561
- **[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=6.6]** Jie Zhao. et al. Resveratrol Alleviates Effects of LPS on Estrogen Synthesis, Oxidative Stress, Inflammation, and Pyroptosis of Goat Granulosa Cells by Activating the PPARG/NRF2/HO-1 Signaling Pathway. ANTIOXIDANTS-BASEL. 2025 Nov;14(11):1300 IF ;Goat. 10.3390/antiox14111300
- **[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

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