

bs-0295D-BF647**[Secondary Antibodies]****Bioss**
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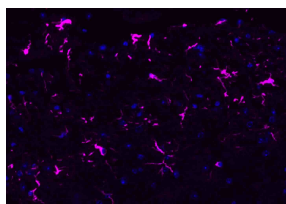
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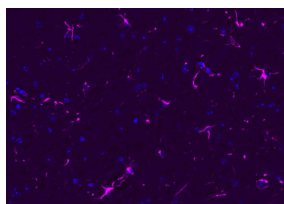
400-901-9800

Donkey anti-Rabbit IgG (H&L) pAb, BF647 conj.**— DATASHEET —**

Host: Donkey Clonality: Polyclonal Target: Donkey anti-Rabbit IgG (H&L) pAb Purification: affinity purified by Protein G Concentration: 2.0 mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C. 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: 647nm Emission spectrum: 666nm Reactivity: Rabbit
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— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (mouse cerebellum); 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 Goat Anti-Rabbit IgG antibody (bs-0295D-BF647) for 90 minutes, and DAPI for nuclei staining.



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 Goat Anti-Rabbit IgG antibody (bs-0295D-BF647) for 90 minutes, and DAPI for nuclei staining.

— SELECTED CITATIONS —

- **[IF=17]** Manon Rivagorda. et al. A primary cilia-autophagy axis in hippocampal neurons is essential to maintain cognitive resilience. NATURE AGING. 2025 Feb 21. IF ;Rabbit. 39984747