

bs-0368G-BF594

[Secondary Antibodies]

Goat Anti-Mouse IgM, BF594 conjugated



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— DATASHEET —

Host: Goat Clonality: Polyclonal Target: Goat Anti-Mouse IgM Purification: affinity purified by Protein G 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 M (IgM) normally constitutes about 10% of serum immunoglobulins. IgM antibody is prominent in early immune responses to most antigens and is largely confined to plasma due to its large size. Monomeric IgM is expressed as a membrane bound antibody on the surface of B cells and as a pentamer when secreted by plasma cells. Due to its high valency IgM is more efficient than other isotypes in binding antigens with repeating epitopes (virus particles and red blood cells) and is more efficient than IgG in activating the complement pathway. The gene for the mu constant region contains four domains separated by short intervening sequences.	Isotype: IgG Applications: IF (1:100-1000) Flow-Cyt (1:100-1000) ICC/IF (1:100-1000) Excitation Spectrum: 594nm Emission spectrum: 621nm Reactivity: Mouse
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— SELECTED CITATIONS —

- **[IF=3.7]** Mingzhi Wan. et al. RhoA/ROCK1 aggravates transverse aortic constriction-induced atrial fibrillation by enhancing NF-κBp65/CCL2 signaling pathway. CELL SIGNAL. 2026 Feb;138:112275 IF ;Mouse. 41317932