

bs-0368G-Cy3

[Secondary Antibodies]



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Goat anti-Mouse IgM pAb, Cy3 conj.

— DATASHEET —

Host: Goat	Isotype: IgG	Applications: IF (1:100-1000) Flow-Cyt (1:100-1000) ICC/IF (1:100-1000)
Clonality: Polyclonal		Excitation Spectrum: 552nm Emission spectrum: 570nm
Target: Goat anti-Mouse IgM pAb		Reactivity: Mouse
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 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.		

— SELECTED CITATIONS —

- **[IF=16.744]** Junjie Feng, et al. Rapid and efficient fluorescent aptasensor for PD-L1 positive extracellular vesicles isolation and analysis: EV-ANCHOR. CHEM ENG J. 2023 Apr;;142811 IF ;Human. 10.1016/j.cej.2023.142811
- **[IF=4.936]** Li et al. Endogenous ceramide contributes to the transcytosis of oxLDL across endothelial cells and promotes its subendothelial retention in vascular wall. (2014) Oxid.Med.Cell.Longev. 2014:823071 ICC ;Mouse. 24817993