

**bs-0369M-Cy5****[ Secondary Antibodies ]**

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**Mouse Anti-Rabbit IgM, Cy5 conjugated****— DATASHEET —**

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| <b>Host:</b> Mouse<br><b>Clonality:</b> Polyclonal<br><b>Target:</b> Mouse Anti-Rabbit IgM<br><b>Purification:</b> affinity purified by Protein G<br><b>Concentration:</b> 2.0 mg/ml<br><b>Storage:</b> 10 mM TBS (pH=7.4) with 1% BSA, 0.03% Proclin300 and 50% glycerol.<br>Store at -20°C for one year. Avoid repeated freeze/thaw cycles.<br><b>Background:</b> 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. | <b>Isotype:</b> IgG<br><b>Applications:</b> IF (1:100-1000)<br><b>Flow-Cyt</b> (1:100-1000)<br><b>ICC/IF</b> (1:100-1000)<br>Excitation Spectrum: 649nm<br>Emission spectrum: 670nm<br><b>Reactivity:</b> Rabbit |
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**— SELECTED CITATIONS —**

- **[IF=7.7]** Li, Lian, et al. "Time-staggered delivery of docetaxel and H1-S6A, F8A peptide for sequential dual-strike chemotherapy through tumor priming and nuclear targeting." Journal of Controlled Release (2016). ICC ;Rabbit. 27098443
- **[IF=6.196]** Cheng He. et al. Crosstalk of renal cell carcinoma cells and tumor-associated macrophages aggravates tumor progression by modulating muscblind-like protein 2/B-cell lymphoma 2/beclin 1-mediated autophagy. CYTOTHERAPY. 2022 Oct;: IF ;Human. 36244911
- **[IF=3.65]** Guan, Shan, et al. "An in vitro investigation of a detachable fork-like structure as efficient nuclear-targeted sub-unit in A2780 cell cultures."International Journal of Pharmaceutics (2016). Other ;Rabbit. 26784985