

bs-0368R-HRP

[Secondary Antibodies]



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Rabbit Anti-Mouse IgM, HRP conjugated

— DATASHEET —

Host: Rabbit Clonality: Polyclonal Target: Rabbit Anti-Mouse IgM Purification: affinity purified by Protein A Concentration: 2.0 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: 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: WB (1:1000-10000) IHC-P (1:100-500) IHC-F (1:100-1000) ELISA (1:1000-10000) Reactivity: Mouse
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— SELECTED CITATIONS —

- **[IF=14.7]** Zhou Mengze. et al. P2Y14R activation facilitates liver regeneration via CREB/DNMT3b/Dact-2/?eta-Catenin signals in acute liver failureACTA PHARM SIN B. 2025 Jan; Western blot ;Mouse. 10.1016/j.apsb.2025.01.004
- **[IF=1.922]** Cao et al. Dickkopf-3 upregulation mediates the cardioprotective effects of curcumin on chronic heart failure. (2018) Mol.Med.Rep. 17:7249-7257 WB ;Mouse. 29568962