

bs-0345R

[Secondary Antibodies]



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Rabbit Anti-Human IgM

— DATASHEET —

Host: Rabbit Clonality: Polyclonal Target: Rabbit Anti-Human IgM Immunogen: Native Human IgM: full length. Purification: affinity purified by Protein A Storage: 0.01M PBS (pH7.4). Store at -20°C stable for 2 years (lyophilized powder). 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 it's 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 it's high valency IgM is more efficient than other isotypes is 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: Isotype Control Blocking Assay etc. Conjugate-Dependent. Reactivity: Human
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— SELECTED CITATIONS —

- **[IF=10.5]** Jin Shen. et al. MOF scaffold for anchoring platinum-nickel nanoparticles with enhanced oxidase-like activity to improve lateral flow immunoassay diagnosis. BIOSENS BIOELECTRON. 2025 Apr;273:117189 ;. 39862674