

bs-0368G

[Secondary Antibodies]

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Goat Anti-Mouse IgM

— DATASHEET —

<p>Host: Goat</p> <p>Clonality: Polyclonal</p> <p>Target: Goat Anti-Mouse IgM</p> <p>Purification: affinity purified by Protein G</p> <p>Storage: 0.01M PBS (pH7.4). Store at -20°C stable for 2 years (lyophilized powder). Avoid repeated freeze/thaw cycles.</p> <p>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.</p>	<p>Isotype: IgG</p>	<p>Applications: Isotype Control Blocking Assay etc. Conjugate-Dependent.</p> <p>Reactivity: Mouse</p>
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— SELECTED CITATIONS —

- **[IF=14.3]** Haiqin Wu. et al. Breed-Driven Microbiome Heterogeneity Regulates Intestinal Stem Cell Proliferation via Lactobacillus-Lactate-GPR81 Signaling. *ADV SCI.* 2024 Jun;;2400058 WB ;Pig. 38937989
- **[IF=5.572]** Jiayuan Luo. et al. Effects of saponins isolated from Polygonatum sibiricum on H2O2-induced oxidative damage in RIN-m5F cells and its protective effect on pancreas. *FOOD CHEM TOXICOL.* 2023 May;175:113724 WB ;Rat. 36935075
- **[IF=5.44]** Zhang, Xiaoru, et al. "Ultrasensitive Photoelectrochemical Immunoassay of Antibody against Tumor-associated Carbohydrate antigen Amplified by Functionalized Graphene Derivates and Enzymatic Biocatalytic Precipitation." *Biosensors and Bioelectronics* (2014). Other ;Mouse. 24690557
- **[IF=4.501]** Wang Qianhui. et al. Autophagy Induced by Muscarinic Acetylcholine Receptor 1 Mediates Migration and Invasion Targeting Atg5 via AMPK/mTOR Pathway in Prostate Cancer. *J ONCOL.* 2022;2022:6523195 WB ;Human. 35720225
- **[IF=4.8]** Wenpu Ren. et al. Salidroside treatment decreases the susceptibility of atrial fibrillation in diabetic mice by reducing mTOR-STAT3-MCP-1 signaling and atrial inflammation. *INT IMMUNOPHARMACOL.* 2024 Dec;142:113196 IF ;Mouse. 39306893