

bsm-0295M-HRP**[Secondary Antibodies]**

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Mouse Anti-Rabbit IgG mAb, HRP conjugated**— DATASHEET —**

Host: Mouse	Isotype: IgG1	Applications: WB (1:1000-10000) IHC-P (1:100-1000) IHC-F (1:100-1000) ELISA (1:1000-10000) Reactivity: Rabbit
Clonality: Monoclonal	CloneNo.: 4C11	
Target: Mouse Anti-Rabbit IgG mAb		
Purification: affinity purified by Protein G		
Concentration: 1.0 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: Immunoglobulin G (IgG), is one of the most abundant proteins in serum with normal levels between 8-17 mg/mL in adult blood. IgG is important for our defence against microorganisms and the molecules are produced by B lymphocytes as a part of our adaptive immune response. The IgG molecule has two separate functions; to bind to the pathogen that elicited the response and to recruit other cells and molecules to destroy the antigen. The variability of the IgG pool is generated by somatic recombination and the number of specificities in an individual at a given time point is estimated to be 1011 variants.		

— SELECTED CITATIONS —

- **[IF=7.7]** Zhineng Liu. et al. Proline rich-39 (PR-39) antimicrobial protein alleviated lipopolysaccharide-induced intestinal barrier dysfunction in piglets by altering intestinal flora associated bile acid metabolism and in turn regulating TGR-5/NF-κB/MLCK/MLC pathway..International Journal of Biological Macromolecules.2025 Mar 10;307(Pt 1):141930. IF ;Human. 40074117
- **[IF=5.6]** Liping Liu. et al. IL-33/ST2 signalling promotes tumor growth by regulating polarization of alternatively activated macrophages..Cancer Biology & Medicine.2025 Mar 27;j.issn.2095-3941.2024.0483. Western blot ;Mouse. 40145895
- **[IF=5]** Dengliang Li. et al. Lactobacillus acidophilus protects against Corynebacterium pseudotuberculosis infection by regulating the autophagy of macrophages and maintaining gut microbiota homeostasis in C57BL/6 mice. MSYSTEMS. 2024 Jun WB ;Mouse. 38934644
- **[IF=3.2]** Xiu Min Zhang. et al. Low-protein diet promotes nitrogen retention efficiency via enhanced renal urea reabsorption and microbial hydrogen incorporation in the rumen of goats. ANIM FEED SCI TECH. 2023 Sep;;115762 WB ;Goat. 10.1016/j.anifeedsci.2023.115762
- **[IF=2.145]** Wenxun Chen. et al. Effects of maternal feed intake restriction on the blood parameters, fatty acid profile and lipogenetic genes expression of perirenal fat in offspring kids. Anim Reprod Sci. 2022 Mar;238:106955 WB ;Goat. 10.1016/j.anireprosci.2022.106955