bs-0296G **[Secondary Antibodies]**

Goat Anti-Mouse IgG H&L

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DATASHEET

Host: Goat
Isotype: IgG
Clonality: Polyclonal
Target: Goat Anti-Mouse IgG H&L
Purification: affinity purified by Protein G
Storage: 0.01M PBS (pH7.4).
Store at -20°C stable for 2 years (lyophilized powder). 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.

Applications: Isotype Control
Blocking Assay
etc.
Conjugate-Dependent.
Reactivity: Mouse

SELECTED CITATIONS

- **[IF=18.9]** Shusen Bao. et al. Conformationally regulated “nanozyme-like” cerium oxide with multiple free radical scavenging activities for osteoimmunology modulation and vascularized osseointegration. BIOACT MATER. 2024 Apr;34:64 IF ;Human. 10.1016/j.bioactmat.2023.12.006
- **[IF=16.6]** Liu Chunxiao. et al. Targeting P2Y14R protects against necroptosis of intestinal epithelial cells through PKA/CREB/RIPK1 axis in ulcerative colitis. NAT COMMUN. 2024 Mar;15(1):1-16 WB ;Mouse,Human. 38453952
- **[IF=16]** Yaqi Huang. et al. Single-Protein Determinations by Magnetofluorescent Qubit Imaging with Artificial-Intelligence Augmentation at the Point-Of-Care. ACS NANO. 2025;XXXX(XXX):XXX-XXX ;. 40388114
- **[IF=14.7]** Feng Na. et al. Strategically engineered Au(I) complexes for orchestrated tumor eradication via chemo-phototherapy and induced immunogenic cell death. NAT COMMUN. 2024 Sep;15(1):1-18 WB ;Mouse. 39294133
- **[IF=14.7]** Chunxiao Liu. et al.Targeting P2Y$_{14}$R protects against necroptosis of intestinal epithelial cells through PKA/CREB/RIPK1 axis in ulcerative colitis.nature communications.2024 Mar 7;15(1):2083. Western blot ;Mouse. 38453952