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

Goat Anti-Mouse IgG H&L, HRP conjugated

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DATASHEET

Host: Goat **Isotype:** IgG

Clonality: Polyclonal

Target: Goat Anti-Mouse IgG H&L

Purification: affinity purified by Protein G, nonspecific adsorbed

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: 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: **WB** (1:2000-20000)
IHC-P (1:200-1000)
IHC-F (1:200-1000)
ELISA (1:2000-20000)

Reactivity: Mouse

SELECTED CITATIONS

- **[IF=26.6]** Lei Yao. et al. NAD+ biosynthesis and mitochondrial repair in acute kidney injury via ultrasound-responsive thylakoid-integrating liposomes. NAT BIOMED ENG. 2025 Jun;:1-18 WB ;Mouse. 40461655
- **[IF=19.568]** Jinman Kim. et al. Furin cleavage is required for swine acute diarrhea syndrome coronavirus spike protein-mediated cell–cell fusion. EMERG MICROBES INFEC. 2022 Aug 17 WB ;Human. 35976165
- **[IF=19]** Zhimei Cheng. et al. A Novel Protein-Polysaccharide Oral Nanoemulsion Targeting Activated Hepatic Stellate Cells to Enhance the Therapeutic Effect of Pirfenidone on Fibrosis After Transarterial Chemoembolization for Liver Cancer. ADV FUNCT MATER. 2025 Mar;:2411665 WB ;Mouse. 10.1002/adfm.202411665
- **[IF=16.744]** Fumei He. et al. Black phosphorus nanosheets suppress oxidative damage of stem cells for improved neurological recovery. CHEM ENG J. 2023 Jan;451:138737 IHC ;Rat. 10.1016/j.cej.2022.138737
- **[IF=16.874]** Bingcheng Yi. et al. Step-wise CAG@PLys@PDA-Cu2+ modification on micropatterned nanofibers for programmed endothelial healing. BIOACT MATER. 2022 Jul;: IHC ;Human. 10.1016/j.bioactmat.2022.07.010