

---

## Goat Anti-Mouse IgG H&L, HRP conjugated

Catalog Number: bs-0296G-HRP

Target Protein: Goat Anti-Mouse IgG H&L

Concentration: 2.0 mg/ml

Form: Liquid

Host: Goat

Clonality: Polyclonal

Isotype: IgG

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

Reactivity: Mouse

Purification: affinity purified by Protein G, nonspecific adsorbed

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 10<sup>11</sup> variants.

### PRODUCT SPECIFIC PUBLICATIONS

---

[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 INFECTION. 2022 Aug 17 WB ; Human . 35976165

[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-Cu<sup>2+</sup> modification on micropatterned nanofibers for programmed endothelial healing. BIOACT MATER. 2022 Jul; IHC ; Human . 10.1016/j.bioactmat.2022.07.010

[IF=15.1] Fumei He. et al. Black phosphorus nanosheets enhance differentiation of neural progenitor cells for improved treatment in spinal cord injury. CHEM ENG J. 2023 Sep;472:144977 WB ; Mouse . 10.1016/j.cej.2023.144977

[IF=14.7] Liang Zaolan. et al. A(H2N2) and A(H3N2) influenza pandemics elicited durable cross-reactive and protective antibodies against avian N2 neuraminidases. NAT COMMUN. 2024 Jul;15(1):1-15 ELISA ; Mouse . 38961067