bs-0294R-HRP **[Secondary Antibodies]**

Rabbit Anti-Goat IgG H&L, HRP conjugated

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DATASHEET

Host: Rabbit
Isotype: IgG
Clonality: Polyclonal
Target: Rabbit Anti-Goat IgG H&L
Purification: affinity purified by Protein A
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: Goat

SELECTED CITATIONS

- **[IF=10]** Yang Feng. et al. Development a novel drug delivery formulation targeting to esophageal squamous cell carcinoma. MATER TODAY ADV. 2023 Aug;19:100407 ICC ;Human. 10.1016/j.mtadv.2023.100407
- **[IF=7.579]** Sinan Cheng. et al. A novel navigated doxorubicin delivery formulation to breast cancer therapy. MATER TODAY ADV. 2022 Jun;14:100235 ELISA ;Human. 10.1016/j.mtadv.2022.100235
- **[IF=8.2]** Xia Xiao-mei. et al. Vagus nerve stimulation as a promising neuroprotection for ischemic stroke via α7nAchR-dependent inactivation of microglial NLRP3 inflammasome. ACTA PHARMACOL SIN. 2024 Mar;:1-17 WB ;Mouse. 38504011
- **[IF=4.7]** Xiaomei Xia. et al. TEPP-46 inhibits glycolysis to promote M2 polarization of microglia after ischemic stroke. INT IMMUNOPHARMACOL. 2025 Mar;149:114148 WB ;Mouse. 39904037
- **[IF=4.784]** Wei Qin. et al. CAF-derived exosomes transmitted Gremlin-1 promotes cancer progression and decreases the sensitivity of hepatoma cells to sorafenib. MOL CARCINOGEN. 2022 May 31 WB ;Human. 35638711