**bs-0293R-Bio** **[ Secondary Antibodies ]**

# Rabbit Anti-Rat IgG H&L, Biotin conjugated

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## DATASHEET

**Host:** Rabbit **Isotype:** IgG

**Clonality:** Polyclonal

**Target:** Rabbit Anti-Rat 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** (1:1000-10000)
**IHC-P** (1:100-500)
**IHC-F** (1:100-1000)
**IF** (1:100-1000)
**Flow-Cyt** (1:100-1000)
**ICC/IF** (1:100-1000)
**ELISA** (1:1000-10000)

**Reactivity:** Rat

## SELECTED CITATIONS


- **[IF=5.714]** Yaru Lu. et al. JAK2 inhibitor ameliorates the progression of experimental autoimmune myasthenia gravis and balances Th17/Treg cells via regulating the JAK2/STAT3-AKT/mTOR signaling pathway. INT IMMUNOPHARMACOL. 2023 Feb;115:109693 ELISA ;Rat. 36638660
- **[IF=4.667]** Wang et al. Caspase-1 inhibitor ameliorates experimental autoimmune myasthenia gravis by innate dendric cell IL-1-IL-17 pathway. (2015) J.Neuroinflammatio. 12:118 ELISA ;Rat. 26071315
- **[IF=5.102]** Li et al. Exosomes derived from atorvastatin-modified bone marrow dendritic cells ameliorate experimental autoimmune myasthenia gravis by up-regulated levels of IDO/Treg and partly dependent on FasL/Fas pathway. (2016) J.Neuroinflammation. 13:8 ELISA ;Rat. 26757900
- **[IF=2.79]** Xu, Hua, et al. "Low and High Doses of Ursolic Acid Ameliorate Experimental Autoimmune Myasthenia Gravis through Different Pathways." Journal of Neuroimmunology (2015). ELISA ;Rat. 25867469


Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.