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

Catalog Number: bs-0296R-HRP

Target Protein: Rabbit Anti-Mouse IgG H&L

Concentration: 2.0 mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:2000-20000), IHC-P (1:100-500), IHC-F (1:100-1000), ELISA (1:1000-10000)

Reactivity: Mouse

Purification: affinity purified by Protein A

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

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[IF=13.281] Yufei Liu. et al. Inflammation-Stimulated MSC-Derived Small Extracellular Vesicle miR-27b-3p Regulates Macrophages by Targeting CSF-1 to Promote Temporomandibular Joint Condylar Regeneration. 2022 Mar 11 IHC ; Rabbit . 10.1002/sml.202107354

[IF=12.336] Fuyan Wang. et al. Decellularized porcine cornea-derived hydrogels for the regeneration of epithelium and stroma in focal corneal defects. Ocul Surf. 2020 Oct;18:748 IHC ; Mouse . 32841745

[IF=9.229] Shuang Li. et al. Surface-Functionalized Silica-Coated Calcium Phosphate Nanoparticles Efficiently Deliver DNA-Based HIV-1 Trimeric Envelope Vaccines against HIV-1. Acs Appl Mater Inter. 2021;XXXX(XXX):XXX-XXX ELISA ; Mouse . 34735127

[IF=8.013] Dong Y et al. Regional and sustained dual-release of growth factors from biomimetic tri-layered scaffolds for the repair of large-scale osteochondral defects. Applied Materials Today 19 (2020) 100548. IHC ; Mouse . doi:10.1016/j.apmt.2019.100548

[IF=5.548] Xiao-Yi Gao. et al. Development of Fc-specific multi-biotinylated antibodies via photoreactive tandem AviTag repeats for the ultrasensitive determination of ochratoxin A. Food Control. 2022 Feb;132:108525 ELISA ; Rice . 10.1016/j.foodcont.2021.108525