

bs-0296R-HRP**[Secondary Antibodies]****BioSS**
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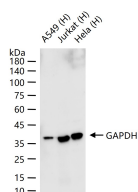
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Rabbit Anti-Mouse IgG H&L, HRP conjugated**— DATASHEET —**

Host: Rabbit Clonality: Polyclonal Target: Rabbit Anti-Mouse 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 10 ¹¹ variants.	Isotype: IgG Applications: WB (1:2000-20000) IHC-P (1:100-500) IHC-F (1:100-1000) ELISA (1:1000-10000) Reactivity: Mouse
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— VALIDATION IMAGES —

25 ug total protein per lane of various lysates (see on figure) probed with GAPDH polyclonal antibody, unconjugated (bsm-33033M) at 1:5000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody (bs-0296R-HRP) at 1:20000 dilution and r.t. for 60 min incubation.

— SELECTED CITATIONS —

- **[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. *SMALL*. 2022 Mar;18(16):2107354 IHC ;Rabbit. 10.1002/sml.202107354
- **[IF=12.9]** Liu Bing-Yao. et al. The therapeutic potential and mechanisms of targeting the PTBP1/Nogo-A/NgR axis in PTSD induced by single prolonged stress in mice. *EXP MOL MED*. 2026 Jan;:1-16 WB ;Mouse. 41566018
- **[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=8.5]** Jinpeng Wan. et al. Injectable biomimetic hydrogel based on modified chitosan and silk fibroin with

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decellularized cartilage extracellular matrix for cartilage repair and regeneration. INT J BIOL MACROMOL. 2025 Jan;;140058
IHC ;Rabbit,Rat,Goat. 39832583