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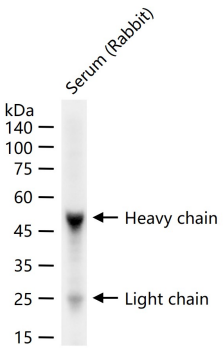
Goat Anti-Rabbit IgG H&L, APC conjugated

Catalog Number:	bs-0295G-APC
Target Protein:	Goat Anti-Rabbit IgG H&L
Concentration:	2.0 mg/ml
Form:	Liquid
Host:	Goat
Clonality:	Polyclonal
Isotype:	IgG
Applications:	Flow-Cyt (1:100-1000) Excitation spectrum: 650nm Emission spectrum: 660nm Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Rabbit
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 1011 variants.

VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with Rabbit IgG H&L polyclonal antibody, unconjugated (bs-0295G) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

PRODUCT SPECIFIC PUBLICATIONS

[IF=14.593] Jiamin Zhong. et al. Reversibly immortalized keratinocytes (iKera) facilitate re-epithelization and skin wound healing: Potential applications in cell-based skin tissue engineering. Bioact Mater. 2021 Jul;: IF ; Mouse . 10.1016/j.bioactmat.2021.07.022

[IF=10.2] Wang Chao. et al. PD-L1 blockade TAM-dependently potentiates mild photothermal therapy against triple-negative breast cancer. J NANOBIOTECHNOL. 2023 Dec;21(1):1-21 IF ; Mouse . 38082443

[IF=7.035] Jing Lv. et al. Artemisinin exerts a protective effect in the MPTP mouse model of Parkinson's disease by inhibiting microglial activation via the TLR4/Myd88/NF-KB pathway. CNS NEUROSCI THER. 2023 Jan;: IF ; Mouse . 36691817

[IF=5.875] Yuan SJ. et al. Conjugation with nanodiamonds via hydrazone bond fundamentally alters intracellular distribution and activity of doxorubicin.. Int J Pharmaceut. 2021 Jul;606:120872-120872 FCM ; Mouse . 34246743

[IF=5.999] Jinsheng Li. et al. Micro/nano-topography Promotes Osteogenic Differentiation of Bone Marrow Stem Cells by Regulating Periostin Expression. COLLOID SURFACE B. 2022 Jul;:112700 FCM ; Rat . 35907353