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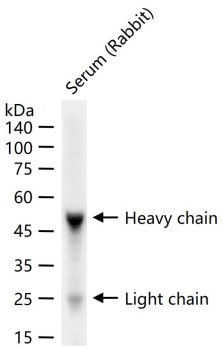
Goat Anti-Rabbit IgG H&L, PE conjugated

Catalog Number:	bs-0295G-PE
Target Protein:	Goat Anti-Rabbit IgG H&L
Concentration:	2.0 mg/ml
Form:	Liquid
Host:	Goat
Clonality:	Polyclonal
Isotype:	IgG
Applications:	IF (1:100-1000), Flow-Cyt (1:100-1000) Excitation spectrum: 496nm,564nm Emission spectrum: 578nm 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=19] Min Li. et al. Cationic Lipids-Mediated Dual-Targeting of Both Dendritic Cells and Tumor Cells for Potent Cancer Immunotherapy. ADV FUNCT MATER. 2023 Sep;:2306752 IF ; Mouse . 10.1002/adfm.202306752

[IF=7.5] Liu Tingjun. et al. Menin orchestrates hepatic glucose and fatty acid uptake via deploying the cellular translocation of SIRT1 and PPARγ. CELL BIOSCI. 2023 Dec;13(1):1-20 IF ; Mouse . 37740216

[IF=7.59] Guoyun Wan. et al. Endoplasmic reticulum-targeted NIR-II phototherapy combined with inflammatory vascular suppression elicits a synergistic effect against TNBC. BIOMATER SCI-UK. 2023 Jan;: IF ; Mouse . 36692120

[IF=6.656] Ning Han. et al. Dihydroartemisinin elicits immunogenic death through ferroptosis-triggered ER stress and DNA damage for lung cancer immunotherapy. PHYTOMEDICINE. 2023 Jan;:154682 IF ; Mouse . 36739636

[IF=7.2] Liu-Gen Li. et al. Dihydroartemisinin-driven TOM70 inhibition leads to mitochondrial destabilization to induce pyroptosis against lung cancer. PHYTOTHER RES. 2024 May;: IF ; Mouse,Human . 38761036