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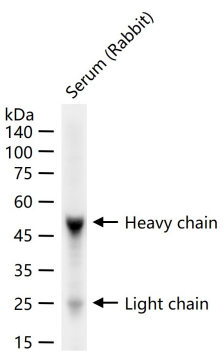
Goat Anti-Rabbit IgG H&L, BF555 conjugated

Catalog Number:	bs-0295G-BF555
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)
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

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

[IF=9.3] Gao Dandan. et al. Enhancing Th17 cells drainage through meningeal lymphatic vessels alleviate neuroinflammation after subarachnoid hemorrhage. J NEUROINFLAMM. 2024 Dec;21(1):1-17 IF ; Mouse . 39428510

[IF=6] Yang Leilei. et al. CKS2 induces autophagy-mediated glutathione metabolic reprogramming to facilitate ferroptosis resistance in colon cancer. MOL MED. 2024 Dec;30(1):1-18 IF ; Human . 39548421

[IF=4.8] Xingwei Hu. et al. LPS induces RGS-1 to promote infectious intracranial aneurysm formation and rupture by accelerating smooth muscle cell phenotypic switching. INT IMMUNOPHARMACOL. 2024 Dec;142:113203 IF ; Human . 39312859

[IF=4.9] Xianfei Zhou. et al. ITGB4/BNIP3 Activates Autophagy and Reduces MHC-I Expression to Mediate Tumour Immune Escape in Pancreatic Cancer Cell Lines. IMMUNOLOGY. 2024 Dec;: IF ; Human . 39711509

[IF=3.7] Yong Li. et al. Akkermansia muciniphila activates natural killer cells by suppressing the TGF-β signaling pathway in lung adenocarcinoma cells. CYTOKINE. 2025 Feb;186:156833 WB ; Human . 39700665

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