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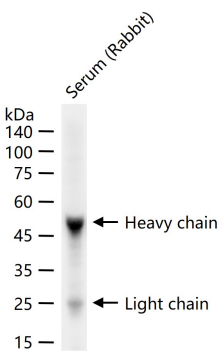
Goat Anti-Rabbit IgG H&L, BF488 conjugated

Catalog Number:	bs-0295G-BF488
Target Protein:	Goat Anti-Rabbit IgG H&L
Concentration:	2.0 mg/ml
Form:	Liquid
Host:	Goat
Clonality:	Polyclonal
Isotype:	IgG
Applications:	IF (1:200-1000), Flow-Cyt (1:50-200)
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=7.7] Xiaoyun Peng. et al. Gelatin microcarriers as an effective adipose-derived stem cells delivery strategy in osteoarthritis treatment. INT J BIOL MACROMOL. 2024 Nov;:137524 IF ; Rat . 39532163

[IF=6.1] Jin Shengzi. et al. Effect of genistein supplementation on microenvironment regulation of breast tumors in obese mice. BREAST CANCER RES. 2024 Dec;26(1):1-18 ; . 39456028

[IF=4.8] Bao-Jun Zhu. et al. Stilbene-enriched extract from the leaves of Cajanus cajan attenuates psoriasis in imiquimod-induced psoriatic mice by targeting aryl hydrocarbon receptor and chemokines. J ETHNOPHARMACOL. 2025 Feb;338:119109 IF ; Human . 39547364

[IF=4.6] Lai Xiaoyi. et al. Exogenous α-Synuclein Induces Oxidative Damage to Dopaminergic Neurons Through p-NMDAR2B/Nur77. MOL NEUROBIOL. 2024 Nov;:1-15 IF ; Mouse . 39592556

[IF=3.5] Jing Wang. et al. The role of H3K27 acetylation in oxygen-glucose deprivation-induced spinal cord injury and potential for neuroprotective therapies. BRAIN RES BULL. 2025 Jan;220:111152 IF ; Rat . 39643249

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