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## Goat Anti-Mouse IgG H&L, BF488 conjugated

Catalog Number: bs-0296G-BF488

Target Protein: Goat Anti-Mouse 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: Mouse

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 10<sup>11</sup> variants.

### PRODUCT SPECIFIC PUBLICATIONS

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[IF=14.7] Huang Zhusheng. et al. Two-dimensional coordination risedronate-manganese nanobelts as adjuvant for cancer radiotherapy and immunotherapy. NAT COMMUN. 2024 Oct;15(1):1-20 IF ; Mouse . 39375342

[IF=11.4] Yuwen Xie. et al. Targeting ATM enhances radiation sensitivity of colorectal cancer by Potentiating radiation-induced cell death and antitumor immunity. J ADV RES. 2024 Dec;; IF ; Human . 39708961

[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=4.3] Ying Yan. et al. Potential pro - tumour cytokine in oral squamous cellular carcinoma: IL37. J CELL MOL MED. 2024 Nov;28(21):e70167 IF ; Human . 39500733

[IF=3.3] Yuchen Wang. et al. Artesunate alleviates radiation-induced submandibular gland epithelial cell damage in rats by reducing inflammation and apoptosis. CELL BIOL INT. 2024 Nov;; IF ; Rat . 39607036