bs-0294D-FITC

[Secondary Antibodies]

www.bioss.com.cn sales@bioss.com.cn techsupport@bioss.com.cn 400-901-9800

Donkey Anti-Goat IgG H&L, FITC conjugated

DATASHEET -

Host: Donkey Isotype: IgG

Clonality: Polyclonal

Target: Donkey Anti-Goat IgG H&L Purification: affinity purified by Protein G

Concentration: 2.0 mg/ml

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.

Applications: IF (1:200-1000)

Flow-Cyt (1:50-200) ICC/IF (1:100-1000)

Excitation Spectrum: 495nm Emission spectrum: 519nm

Reactivity: Goat

- SELECTED CITATIONS -

- [IF=15.7] Yang Bingsheng, et al. Macrophage-derived amphiregulin induces myofibroblast transition in adipogenic lineage precursors near Staphylococcus aureus abscess in bone marrow. NAT COMMUN. 2025 Sep;16(1):1-20 FC;Goat. 40998791
- [IF=12.121] Yuan Wang. et al. Alpha-ketoglutarate ameliorates age-related osteoporosis via regulating histone methylations. Nat Commun. 2020 Nov;11(1):1-14 IF; Mouse, Rat. 33154378
- [IF=11.9] Jianwen Su. et al. The protective role of adipogenic lineage precursors in maintaining bone marrow redox homeostasis in a mouse model of prenatal dexamethasone exposure. REDOX BIOL. 2025 Aug;:103820 IF; Mouse. 40845776
- [IF=7.5] Yu-Hang Li. et al. Inhibition of calcium-sensing receptor by its antagonist promotes gastrointestinal motility in a Parkinson's disease mouse model. BIOMED PHARMACOTHER. 2024 May;174:116518 IF; Mouse. 38565057
- [IF=5.7] Yurim Jeong, et al. Dual targeting of EZH2 and PD-L1 in Burkitt's lymphoma enhances immune activation and induces apoptotic pathway. FRONT IMMUNOL. 2025 Apr;16: IF; Mouse. 40308579