
Mouse Anti-Goat IgG H&L, Cy3 conjugated

Catalog Number: bs-0294M-Cy3

Target Protein: Mouse Anti-Goat IgG H&L

Concentration: 2.0 mg/ml

Form: Liquid

Host: Mouse

Clonality: Polyclonal

Isotype: IgG

Applications: IF (1:100-1000)

Excitation spectrum: 514nm,552nm

Emission spectrum: 570nm

Not yet tested in other applications.

Optimal working dilutions must be determined by the end user.

Reactivity: Goat

Purification: affinity purified by Protein G

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.

PRODUCT SPECIFIC PUBLICATIONS

[IF=4.522] Tang F et al. LncRNA - ATB promotes TGF - β -induced glioma cells invasion through NF - κ B and P38/MAPK pathway. J Cell Physiol. 2019 May 29. ICC ; Goat . 31140621

[IF=5.046] Yadi Xu. et al. DNMT1 Mediated CAHM Repression Promotes Glioma Invasion via SPAK/JNK Pathway. 2021 Jul 06 IF ; Human . 34227028

[IF=3.347] Yuanyuan Wanget al. NLR5 negatively regulates inflammatory responses in LPS-induced acute lung injury through NF- κ B and p38 MAPK signal pathways. Toxicol Appl Pharmacol . 2020 Sep 15;403:115150. IF ; mouse . 32710960

[IF=0.181] Mu JY et al. Astragalus polysaccharide restores activation of NK cells in radiation therapy of tumors. Int J Clin Exp Med

