
Rabbit Anti-Mouse IgG Fc, FITC conjugated

Catalog Number: bs-0377R-FITC

Target Protein: Rabbit Anti-Mouse IgG Fc

Concentration: 2.0 mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: Flow-Cyt (1:100-1000), IF (1:100-1000)

Excitation spectrum: 495nm

Emission spectrum: 519nm

Not yet tested in other applications.

Optimal working dilutions must be determined by the end user.

Reactivity: Mouse

Purification: affinity purified by Protein A

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=4.171] Xiao Liu. et al. β -Conglycinin induces the formation of neutrophil extracellular traps dependent on NADPH oxidase-derived ROS, PAD4, ERK1/2 and p38 signaling pathways in mice. Food Funct. 2021 Jan;12(1):154-161 IF ; Mouse . 33289753

[IF=4.101] Hongcheng Luo. et al. Beclin-1 exerts protective effects against cerebral ischemia-reperfusion injury by promoting DNA damage repair through a non-autophagy-dependent regulatory mechanism. Int J Mol Med. 2022 May;49(5):1-11 IF ; Rat,Mouse . 35266018

[IF=2.095] Yuanfang Li. et al. miR-30a-3p can inhibit the proliferation and promote the differentiation of chicken primary myoblasts. 2022 Mar 11 IF ; Chicken . 35275038