
Rabbit Anti-Mouse IgG Fc, HRP conjugated

Catalog Number: bs-0377R-HRP

Target Protein: Rabbit Anti-Mouse IgG Fc

Concentration: 2.0 mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:1000-10000), IHC-P (1:100-500), IHC-F (1:100-1000), ELISA (1:1000-10000)

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=6.268] Guo, Xin. et al. The histone demethylase KDM3A protects the myocardium from ischemia/reperfusion injury via promotion of ETS1 expression. Commun Biol. 2022 Mar;5(1):1-15 WB ; Rat . 35338235

[IF=4.355] Chu, Wenhui. et al. The use of a novel deer antler decellularized cartilage-derived matrix scaffold for repair of osteochondral defects. J Biol Eng. 2021 Dec;15(1):1-12 IHC ; rat . 34479610

[IF=3.8] Bang-Hua Zhong. et al. Transcription factor FOXF2 promotes the development and progression of pancreatic cancer by targeting MSI2. ONCOL REP. 2024 Jul;52(1):1-13 WB ; Human . 38847273