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Donkey Anti-Goat IgG H&L, HRP conjugated

Catalog Number:	bs-0294D-HRP
Target Protein:	Donkey Anti-Goat IgG H&L
Concentration:	2.0 mg/ml
Form:	Liquid
Host:	Donkey
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:1000-10000), IHC-P (1:100-500), IHC-F (1:100-1000), ELISA (1:1000-10000)
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=6] Yi Ding. et al. Multiple-Pathway Synergy Alters Steroidogenesis and Spermatogenesis in Response to an Immunocastration Vaccine in Goat. CELLS-BASEL. 2024 Jan;13(1):6 ELISA ; Goat . 10.3390/cells13010006

[IF=4.6] Anbu Liu. et al. DDR1/2 enhance KIT activation and imatinib resistance of primary and secondary KIT mutants in gastrointestinal stromal tumors. MOL CARCINOGEN. 2023 Sep;: WB,IHC ; Human,Mouse . 37737519

[IF=4.292] Longfei Xiao. et al. Dihydrotestosterone regulation of cyclooxygenase-2 expression in bovine endometrial epithelium cells by androgen receptor mediated EGFR/PI3K/Akt pathway. J Steroid Biochem. 2021 Nov;214:106001 WB ; Bovine . 10.1016/j.jsbmb.2021.106001

[IF=3.9] Ting Liang. et al. Research on Detection of Ultra-Low Concentration Anthrax Protective Antigen Using Graphene Field-Effect Transistor Biosensor. SENSORS-BASEL. 2023 Jan;23(13):5820 ELISA ; . 37447669

[IF=3.265] Wang R et al. Role of astrocytes-derived D-serine in PFOS-induced neurotoxicity through NMDARs in the rat primary hippocampal neurons. Toxicology. 2019 Apr 17;422:14-24. WB ; Goat . 31004706