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400-901-9800

**Donkey Anti-Rabbit IgG H&L, FITC conjugated****— DATASHEET —**

<b>Host:</b> Donkey <b>Clonality:</b> Polyclonal <b>Target:</b> Donkey Anti-Rabbit IgG H&L <b>Purification:</b> affinity purified by Protein G <b>Concentration:</b> 2.0 mg/ml <b>Storage:</b> 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. <b>Background:</b> 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.	<b>Isotype:</b> IgG <b>Applications:</b> <b>IF</b> (1:100-1000) <b>Flow-Cyt</b> (1:100-1000) <b>ICC/IF</b> (1:100-1000) Excitation Spectrum: 495nm Emission spectrum: 519nm <b>Reactivity:</b> Rabbit
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**— SELECTED CITATIONS —**

- **[IF=9.4]** Hongxin Liu. et al. Tumor associated antigens combined with carbon dots for inducing durable antitumor immunity. J COLLOID INTERF SCI. 2024 Nov;673:594 IF ;MOUSE. 38897061
- **[IF=8.086]** Lv LL et al. Exosomal miRNA-19b-3p of tubular epithelial cells promotes M1 macrophage activation in kidney injury. Cell Death Differ. 2019 May 16. IF ;Rabbit. 31097789
- **[IF=6.1]** Hongyun Zhang. et al. Lactobacillus plantarum AR495 improves colonic transport hyperactivity in irritable bowel syndrome through tryptophan metabolism. FOOD FUNCT. 2024 Apr;: IHC ;Rat. 10.1039/D4FO01087F
- **[IF=5.959]** Wang Y et al. SPARCL1 promotes C2C12 cell differentiation via BMP7-mediated BMP/TGF- $\beta$  cell signaling pathway. Cell Death Dis. 2019 Nov 7;10(11):852. IF ;Rabbit. 31699966
- **[IF=5.008]** Song, Zhiqi, et al. "REST alleviates neurotoxic prion peptide-induced synaptic abnormalities, neurofibrillary degeneration and neuronal death partially via LRP6-mediated Wnt- $\beta$ -catenin signaling." Oncotarget 7.11 (2016): 12035. ICC ;Rabbit. 26919115