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**Rabbit Anti-Horse IgG H&L****— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>Target:</b> Rabbit Anti-Horse IgG H&L <b>Immunogen:</b> Native Horse IgG: full length. <b>Purification:</b> affinity purified by Protein A <b>Storage:</b> 0.01M PBS (pH7.4). Store at -20°C stable for 2 years (lyophilized powder). 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>WB</b> (1:1000-5000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:200-1000) <b>IF</b> <b>ELISA</b> (1:2000-10000) <b>Reactivity:</b> Horse
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**— SELECTED CITATIONS —**

- **[IF=6.064]** Xiangshu Qiu. et al. Development and application of an indirect ELISA for detecting equine IgG antibodies against Getah virus with recombinant E2 domain protein.. FRONT MICROBIOL. 2022 Nov;13:1029444-1029444 ELISA ;Horse. 36439788
- **[IF=5.4]** Shilin Sun. et al. The therapeutic effect of wine-processed Corni Fructus on chronic renal failure in rats through the interference with the LPS/IL-1-mediated inhibition of RXR function. J ETHNOPHARMACOL. 2024 Mar;321:117511 WB ;Rat. 38036016
- **[IF=3.098]** Junli Zhang. et al. KCNQ10T1 contributes to sorafenib resistance and programmed death-ligand-1-mediated immune escape via sponging miR-506 in hepatocellular carcinoma cells. Int J Mol Med. 2020 Nov;46(5):1794-1804 IHC ;Human. 33000204
- **[IF=3.156]** Lili Feng. et al. NFYB potentiates STK33 activation to promote cisplatin resistance in diffuse large B-cell lymphoma. Leukemia Res. 2021 Sep;:106708 IHC ;mouse. 34536775