



Goat Anti-Mouse IgG antibody

SL0296G

Product Name:	Goat Anti-Mouse IgG
Chinese Name:	羊抗小鼠IgG
Alias:	Immunoglobulin G
Specific References(9)	SL0296G has been referenced in 9 publications.
	[IF=3.73] Zhao, Zhiyi, et al. "Maxadilan prevents apoptosis in iPS cells and shows no effects on the pluripotent state or karyotype." PloS one 7.3 (2012): e33953. Human. PubMed:22457805
	[IF=3.54] Zhang, Hua, et al. "Novel SPR biosensors based on metal nanoparticles decorated with graphene for immunoassay."?Sensors and Actuators B: Chemical?(2013). PubMed:not posted yet
文献引用 PubMed :	[IF=3.24] Zhang, Min, Zhi-zhong Xiao, and Li Sun. "Overexpression of NF-??B inhibitor alpha in< i> Cynoglossus semilaevis impairs pathogen-induced immune response."Developmental & Comparative Immunology 36.1 (2012): 253-257.. PubMed:21855570
	[IF=2.45] Gao, Fei, and YanFen Ye. "Water bath hyperthermia reduces stemness of colon cancer cells." Clinical Biochemistry (2013). WB;Human. PubMed:24028900
	[IF=1.98] Dong, Wei, et al. "Labeling of human hepatocellular carcinoma cells by hexamethylene diamine modified fluorescent carbon dots." Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy (2013). Human. PubMed:not posted yet

	<p>[IF=3.33]Li, Yansong, et al. "A monoclonal antibody based enzyme-linked immunosorbent assay for detection of Phenylethanolamine A in tissue of swine." Food Chemistry (2014).ELISA; PubMed:25148957</p> <p>[IF=8.37]Yang, Ting, and Jiang Jiang. "Embedding Raman Tags between Au Nanostar@ Nanoshell for Multiplex Immunosensing." Small (2016).other; PubMed:27273763</p> <p>[IF=1.56]Lian, Ting, et al. "Apolipoprotein E genotyping using PCR-GoldMag lateral flow assay and its clinical applications." Molecular Medicine Reports.other; PubMed:27665864</p> <p>[IF=4.17]Qiu, Qianqian, et al. "Small molecular peptide-ScFv $\alpha\upsilon\beta\text{3}$ conjugates specifically inhibit lung cancer cell growth in vitro and in vivo." American Journal of Cancer Research 6.12 (2016): 2846.WB; PubMed:28042504</p>
Organism Species:	Goat
Clonality:	Polyclonal
React Species:	mo
Applications:	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	150kDa
Form:	Lyophilized or Liquid
Concentration:	10mg/1ml
immunogen:	Full length plasma protein:
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M PBS(pH7.4)
Storage:	Storage: Store at $-20\text{ }^{\circ}\text{C}$ for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at $-20\text{ }^{\circ}\text{C}$. When reconstituted in sterile distilled water or diluent supplied, the antibody is stable for at least two weeks at $2-4\text{ }^{\circ}\text{C}$.
Product Detail:	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 10 ¹¹ variants.

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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