



Rabbit Anti-human IgG antibody

SL0297R

Product Name:	Rabbit Anti-human IgG
Chinese Name:	兔抗人IgG
Alias:	Immunoglobulin G
Specific References(5)	SL0297R has been referenced in 5 publications.
	[IF=5.44] Tan, Yuyu, et al. "Proximity-dependent Protein Detection Based on Enzyme-Assisted Fluorescence Signal Amplification." <i>Biosensors and Bioelectronics</i> (2013). PubMed: not posted yet
	[IF=3.50] Wang, Liying, et al. "Sensitivity enhancement of SPR biosensor with silver mirror reaction on the Ag/Au film." <i>Talanta</i> 78.1 (2009): 265-269. other; PubMed: 19174236
文献引用 PubMed :	[IF=5.70] Li, Rui, et al. "4-Amino-1-(3-mercapto-propyl)-pyridine hexafluorophosphate ionic liquid functionalized gold nanoparticles for IgG immunosensing enhancement." <i>Analytical Chemistry</i> (2014). other; Human. PubMed: 24803006
	[IF=5.70] Li, Rui, et al. "4-Amino-1-(3-mercapto-propyl)-pyridine hexafluorophosphate ionic liquid functionalized gold nanoparticles for IgG immunosensing enhancement." <i>Analytical Chemistry</i> (2014). other; Human. PubMed: 24803006
	[IF=6.41] Zhang, Si, et al. "A double signal electrochemical Human immunoglobulin G immunosensor based on gold nanoparticles-polydopamine functionalized reduced graphene oxide as a sensor platform and AgNPs/Carbon nanocomposite as signal probe and catalytic substrate." <i>Biosensors and Bioelectronics</i> (2015). other;

PubMed:26556185

Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	hu
Applications:	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	160kDa
Form:	Lyophilized or Liquid
Concentration:	10mg/1ml
immunogen:	Full length plasma protein:full length
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M PBS(pH7.4)
Storage:	Storage: Store at -20 oC 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 -20oC. When reconstituted in sterile distilled water or diluent supplied, theantibody is stable for at least two weeks at 2-4 °C.
Product Detail:	<p>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.</p> <p>Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.</p>