



## Goat Anti-rat IgG/Alexa Fluor 488 antibody

SL0293G-AF488

<b>Product Name:</b>	Goat Anti-rat IgG/Alexa Fluor 488
<b>Chinese Name:</b>	Alexa Fluor 488标记的羊抗大鼠IgG
<b>Alias:</b>	Immunoglobulin G
<b>Organism Species:</b>	Goat
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	rat
<b>Applications:</b>	Flow-Cyt=1:100-1000IF=1:100-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	150kDa
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	2mg/1ml
<b>immunogen:</b>	Full length plasma protein:
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	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.
<b>Product Detail:</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>Important Note:</b>

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