



## Goat anti-rat IgG whole serum antibody

SL0293Gs

<b>Product Name:</b>	Goat anti-rat IgG whole serum
<b>Chinese Name:</b>	羊抗大鼠IgG抗血清
<b>Alias:</b>	immunoglobulin G; G1m marker; G2m marker; G3m marker; G4m marker; HDC; Heavy chain disease protein; Ig gamma 1 chain C region; Ig gamma 2 chain C region; Ig gamma 3 chain C region; Ig gamma 4 chain C region; IGHG 1; IGHG 2; IGHG 3; IGHG 4; IGHG1; IGHG2; IGHG3; IGHG4; Immunoglobulin heavy constant gamma 1; Immunoglobulin heavy constant gamma 2; Immunoglobulin heavy constant gamma 3; Immunoglobulin heavy constant gamma 4; MGC117419; MGC45809.
<b>Organism Species:</b>	Goat
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	rat
<b>Applications:</b>	WB=1:10000-50000ELISA=1:10000-100000IHC-P=1:10000-50000IHC-F=1:10000-50000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	160kDa
<b>Form:</b>	lyophilized powder
<b>immunogen:</b>	Full length rat IgG protein purified:
<b>Lsotype:</b>	Whole antiserum
<b>Purification:</b>	Unpurified
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<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.

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