



Rabbit Anti-Protein G antibody

SL0361R

Product Name	Protein G
Chinese Name	重组蛋白 G 抗体
Alias	IgG binding protein G; Immunoglobulin G binding protein G [Precursor]; spg.
Research Area	immunology
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Protein G) WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000 (Paraffin sections need antigen repair)
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	22kDa
Form	Liquid
Concentration	1mg/ml
immunogen	Recombinant protein G: full length
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	(predicted:Protein G)1M TBS(pH7.4) with 1% BSA, (predicted:Protein G)3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed
Product Detail	Protein G is a bacterial protein derived from the cell wall of certain strains of b-hemolytic Streptococci. It binds with high affinity to the Fc portion of various classes and subclasses of immunoglobulins from a variety of species. Protein G binds to all IgG subclasses from human, mouse and rat species. It also binds to total IgG from guinea pig, rabbit, goat, cow,



sheep, and horse. Protein G binds preferentially to the Fc portion of IgG, but unlike Protein A can also bind to the Fab region, making it useful for purification of F(ab') fragments of IgG. Due to its affinity for the Fc region of many mammalian immunoglobulins, protein G is considered a universal reagent in biochemistry and immunology.

Subcellular Location:

Cell Membrane and Secreted.

SWISS:

N/A

Gene ID:

N/A