

Product datasheet for **AP09169AG-N**

Protein G Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Reactivity:	Streptococcus
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Protein G [Streptococcus species]
Specificity:	This antibody reacts to Protein G.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 containing 0.01% (w/v) Sodium Azide as preservative Label: Agarose State: Liquid IgG fraction
Conjugation:	Agarose
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.
Background:	<p>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.</p> <p>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.</p>



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