

Datasheet for 200-419-138**Protein G Antibody Agarose Conjugated****Overview**

Description:	Anti-Protein G (RABBIT) Antibody Agarose Conjugated - 200-419-138
Item No.:	200-419-138
Size:	20 mg
Reactivity:	Protein G
Host Species:	Rabbit

Product Details

Background:	Anti-Protein G antibody is suitable for detection of Protein G. Protein G is an immunoglobulin-binding protein expressed in group C and G Streptococcal bacteria that is similar to Protein A but with unique binding specificities. Protein G is a 65-kDa (G148 protein G) and a 58 kDa (C40 protein G) cell surface protein that has found application in purifying antibodies through its binding to the Fc region. The native molecule also binds albumin, however, because serum albumin is a major contaminant of antibody sources, the albumin binding site has been removed from recombinant forms of Protein G.
Synonyms:	rabbit anti-Protein G Antibody agarose conjugation, agarose conjugated rabbit anti-Protein G Antibody, Protein G agarose, Anti-IgG binding protein G antibody, IgG binding protein G antibody, immunoglobulin G binding protein G [Precursor] antibody spg antibody
Host Species:	Rabbit
Conjugate:	Agarose
Clonality:	Polyclonal
Format:	IgG

Target Details

Reactivity:	Protein G
Immunogen Type:	Native Protein
Immunogen:	Protein G (Streptococcus sp.)

Purity/Specificity:	Anti-Protein G antibody is an IgG fraction antibody coupled to activated agarose. Sufficient antibody capacity is provided to bind a minimum of 5 mg of Protein G.
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Application Details

Application Note:	Protein G antibody is suitable for molecular biology, enzyme purification or to remove unwanted cross-reactivity. Optimal concentration should be determined by researcher.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

Formulation

Physical State:	Suspension of agarose beads
Concentration:	4 mL suspension; 0.5 cc agarose per mL of suspension; 10.0 mg of antibody per cc agarose
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Store vial at 4° C prior to opening. DO NOT FREEZE.
Expiration:	Expiration date is one (1) year from date of receipt.

Disclaimer

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