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Datasheet for ABIN233811
anti-Protein G antibody (Agarose Beads)

Overview

Quantity:	20 mg
Target:	Protein G
Reactivity:	Streptococcus
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Protein G antibody is conjugated to Agarose Beads
Application:	Purification (Purif)

Product Details

Immunogen:	Protein G (Streptococcus sp.) Immunogenotype:Native
Isotype:	IgG
Characteristics:	Concentration Definition: antibody per cc agarose

Target Details

Target:	Protein G
Abstract:	Protein G Products
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

Target Details

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: Anti-IgG binding protein G antibody IgG binding protein G antibody IgG-binding protein G antibody Immunoglobulin G binding protein G [Precursor] antibody spg antibody

Application Details

Application Notes: Protein G antibody is suitable for molecular biology, enzyme purification or to remove unwanted cross-reactivity. Optimal concentration should be determined by researcher.

Comment: ABS Reagent Type: Protein G

Restrictions: For Research Use only

Handling

Concentration: 4 mL suspension, 0.5 cc agarose per mL of suspension, 10.0 mg of

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C