



Magic™ Anti-Protein A polyclonal antibody (DPAB0501)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Protein A
Immunogen	Purified recombinant Protein A
Isotype	IgY
Source/Host	Chicken
Species Reactivity	N/A
Purification	Immunoaffinity purified using Protein A agarose
Conjugate	Unconjugated
Applications	Suitable for use in ELISA and Western blot. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Affinity Purified, Liquid
Concentration	Lot specific
Size	1 mg
Buffer	PBS, pH 7.2
Preservative	0.1% Sodium Azide
Storage	Store at 2-8°C.

BACKGROUND

Introduction

Protein A is a surface protein of S.aureus which binds IgG molecules by their Fc region. In serum, the bacteria will bind IgG molecules in the wrong orientation on their surface which hinders opsonization and phagocytosis. Mutants of S. aureus lacking protein A are more efficiently phagocytosed in vitro, and mutants in infection models have diminished virulence. Due to its affinity for the Fc region of many mammalian immunoglobulins, protein A is considered a universal reagent in biochemistry and immunology.

Keywords

Protein A; Immunoglobulin G binding protein A; Staphylococcal protein A; SPA;