

Product datasheet

HRP Anti-Protein A antibody ab18596

[1 References](#) [1 Image](#)

Overview

Product name	HRP Anti-Protein A antibody
Description	HRP Chicken polyclonal to Protein A
Host species	Chicken
Conjugation	HRP
Tested applications	Suitable for: ELISA
Species reactivity	Reacts with: Staphylococcus aureus
Immunogen	Recombinant full length protein corresponding to Protein A.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 7.00 Preservative: 0.002% Thimerosal (merthiolate) Constituents: 1.19% HEPES, 0.58% Sodium chloride, 0.2% BSA
Purity	Immunogen affinity purified
Purification notes	ab18596 was immunoaffinity purified off protein A agarose and conjugated with horseradish peroxidase (HRP).
Clonality	Polyclonal
Isotype	IgY

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab18596 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		1/5000 - 1/20000.

Target

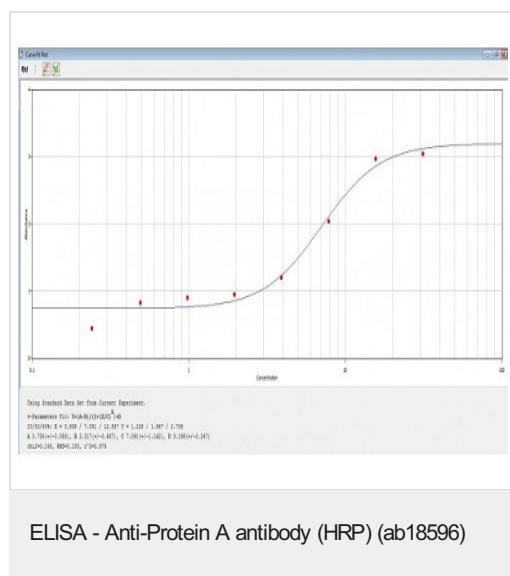
Relevance

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.

Cellular localization

Secreted; cell wall.

Images



Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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