

# Anti-Protein A antibody ab19483

## 1 References

### 製品の概要

製品名	Anti-Protein A antibody
製品の詳細	Chicken polyclonal to Protein A
由来種	Chicken
アプリケーション	<b>適用あり:</b> Sandwich ELISA, WB
種交差性	<b>交差種:</b> Staphylococcus aureus
免疫原	Recombinant full length protein corresponding to Staphylococcus aureus Protein A. Database link: <b>P02976</b>
特記事項	<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&amp;As</p>

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.20 Preservative: 0.09% Sodium azide Constituent: PBS
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgY

### アプリケーション

The Abpromise guarantee

Abpromise保証は、次のテスト済みアプリケーションにおけるab19483の使用に適用されます

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
<b>Sandwich ELISA</b>		Use at an assay dependent concentration. ab19483 can work in direct ELISA, but not indirect ELISA (because any secondary antibody would bind to protein A directly as well as the primary antibody, thus leading to high background – due to the nature of protein A). <b>ab18596</b> as detection antibody for sELISA.
<b>WB</b>		1/1000 - 1/10000. Detects a band of approximately 50 kDa (predicted molecular weight: 56 kDa). 50 kDa band is due to cleavage of the signal peptide and propeptide

## ターゲット情報

**関連性** 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.

**細胞内局在** Secreted; cell wall.

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

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