

# Anti-Protein A antibody ab19483

## 1 References

### 概述

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产品名称	Anti-Protein A抗体
描述	鸡多克隆抗体to蛋白A
宿主	Chicken
经测试应用	适用于: Sandwich ELISA, WB
种属反应性	与反应: Staphylococcus aureus
免疫原	Recombinant full length protein corresponding to Staphylococcus aureus Protein A. Database link: <a href="#">P02976</a>

### 常规说明

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.

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

### 性能

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形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.20 Preservative: 0.09% Sodium azide Constituent: PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgY

### 应用

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The Abpromise guarantee

**Abpromise™** 承诺保证使用ab19483于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
<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

## 靶标

**相关性** 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.

**细胞定位** Secreted; cell wall.

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

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