

## Product datasheet

# Anti-Clostridia spp antibody (HRP) ab68500

### 概述

产品名称	Anti-Clostridia spp抗体(HRP)
描述	兔多克隆抗体to Clostridia spp (HRP)
偶联物	HRP
特异性	This antibody reacts with Clostridia species in bacterial and infected tissue samples.
经测试应用	适用于: WB, ELISA, IHC-Fr
种属反应性	Reacts with Clostridium spp. (Clostridium perfringens, Cl. sordellii, Cl. novyi, Cl. septicum, Cl. Chauvoei.)
免疫原	Extracts of Clostridium perfringens, Cl. sordellii, Cl. novyi, Cl. septicum, Cl. Chauvoei.

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	Preservative: 0.002% Thimerosal (merthiolate) Constituents: PBS, 10mg/ml BSA
纯度	Protein A purified
克隆	多克隆
同种型	IgG

### 应用

Our [Abpromise guarantee](#) covers the use of **ab68500** in the following tested applications.

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

应用	Ab评论	说明
WB		1/20. Predicted molecular weight: 1 kDa.
ELISA		1/200.
IHC-Fr		Use at an assay dependent dilution.

## 靶标

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### 相关性

Clostridia are a class of Firmicutes, including Clostridium and other similar genera. Clostridium is a genus of Gram-positive bacteria, that are obligate anaerobes capable of producing endospores. Clostridium includes common free-living bacteria as well as important pathogens. *Clostridium chauvoei* is the causative agent of blackleg in cattle, it is a very virulent pathogen of cattle that causes fever, depression, lameness, and a high level of mortality. *Clostridium perfringens*, which produces a huge array of invasins and exotoxins, causes wound and surgical infections that lead to gas gangrene, in addition to severe uterine infections. It is an important cause of food poisoning. *Clostridium sordellii* is a rare bacterium that causes pneumonia, endocarditis, arthritis, peritonitis, and myonecrosis. *Clostridium novyi* produces lethal toxins. It can cause malignant oedema (also known as false blackleg), necrotising fasciitis (commonly known as "flesh eating bacteria") or myonecrosis. *C. novyi* (after removal of the toxin gene) has potential for use as an anti-tumour agent. *C. septicum* can be a wound contaminant or can produce infection that rapidly progresses to sepsis. It is strongly associated with malignancy, particularly of the gastrointestinal and hematologic systems.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

### Our Abpromise to you: Quality guaranteed and expert technical support

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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

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.cn/abpromise> or contact our technical team.

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