

# FITC Anti-Chlamydia trachomatis MOMP antibody ab30951

## 3 References

### 概述

产品名称	FITC荧光Anti-Chlamydia trachomatis MOMP抗体
描述	FITC荧光山羊多克隆抗体to Chlamydia trachomatis MOMP
宿主	Goat
偶联物	FITC. Ex: 493nm, Em: 528nm
特异性	ab30951 recognises Major Outer Membrane Protein of Chlamydia trachomatis.
经测试应用	<b>适用于:</b> IHC-P, ICC/IF
种属反应性	<b>与反应:</b> Chlamydia trachomatis
免疫原	Full length protein: Chlamydia trachomatis, Major Outer Membrane Protein
常规说明	<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>

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	<p>pH: 7.20</p> <p>Preservative: 0.1% Sodium azide</p> <p>Constituents: PBS, 1% BSA</p>
纯化说明	ab30951 was chromatographically purified.
克隆	多克隆
同种型	IgG

### 应用

The Abpromise guarantee

Abpromise™ 承诺保证使用ab30951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
IHC-P		Use at an assay dependent concentration.
ICC/IF		1/20 - 1/100.

## 靶标

相关性	<p>Chlamydia is caused by the bacterium <i>Chlamydia trachomatis</i>. The intracytoplasmic inclusions caused by the bacterium are draped around the infected cell's nucleus. <i>Chlamydia trachomatis</i> is an intracellular organism that has a genome size of approximately 500-1000 kilobases and contains both RNA and DNA. The organism is also extremely temperature sensitive and must be refrigerated at 4°C as soon as a sample is obtained. Colonization of <i>Chlamydia</i> begins with attachment to sialic acid receptors on the eye, throat or genitalia. It persists at body sites that are inaccessible to phagocytes, T cells, and B cells. It also exists as 15 different serotypes. These serotypes cause four major diseases in humans: endemic trachoma (caused by serotypes A and C), sexually transmitted disease and inclusion conjunctivitis (caused by serotypes D and K), and lymphogranuloma venereum (caused by serotypes L1, L2, and L3). Studies reveal that <i>Chlamydia</i>, because of its cell wall, is able to inhibit phagolysosome fusion in phagocytes. The cell wall is proposed to be Gram negative in that it contains an outer lipopolysaccharide membrane, but it lacks peptidoglycan in its cell wall. This lack of peptidoglycan is shown by the inability to detect muramic acid and antibodies directed against it. It may, however, contain a carboxylated sugar other than muramic acid. The proposed structure consists of a major outer membrane protein cross linked with disulfide bonds. It also contains cysteine rich proteins (CRP) that may be the functional equivalent to peptidoglycan. This unique structure allows for intracellular division and extracellular survival (Hatch 1996). <i>Chlamydia</i> usually infects the cervix and fallopian tubes of women and the urethra of men. Chlamydial infections are believed to be one of the most common of all STDs. It is generally thought that in a population of 15 million, there are up to 300,000 cases of chlamydia each year. Thus, there are many undiagnosed cases of chlamydia in the community. It has been estimated that the true prevalence of chlamydia in the sexually active population may be in the order of 5% to 10%. <i>Chlamydia</i> is one of the leading causes of blindness in underdeveloped countries.</p>
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细胞定位	Outer membrane; multi pass membrane protein.
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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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