

Product datasheet for **BM5555P**

Chlamydia trachomatis (MOMP) Mouse Monoclonal Antibody [Clone ID: 502]

Product data:

Product Type:	Primary Antibodies
Clone Name:	502
Applications:	IF, IHC
Recommended Dilution:	Immunofluorescence microscopy of cell culture: 1:10. Immunohistochemistry on frozen section.
Reactivity:	Chlamydia trachomatis
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Chlamydia antigen
Specificity:	This antibody recognizes the 60 kD outer membrane complex protein present in the periphery of reticulate bodies (RBs) of 15 serotypes of <i>C. trachomatis</i> and <i>C. psittaci</i> . The epitope is also present on elementary bodies (EBs) of <i>C. trachomatis</i> C-complex serotypes.
Formulation:	PBS, pH 7.4 containing 0.5% BSA and 0.09% Sodium Azide State: Purified State: Lyophilized purified IgG fraction
Reconstitution Method:	Restore with 1 ml dist. water
Purification:	Protein A affinity chromatography
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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Background:

Chlamydia trachomatis is an intracellular organism. Chlamydia 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%. Chlamydia is one of the leading causes of blindness in underdeveloped countries.