

Product datasheet for **BM1034**

Chlamydia trachomatis (LPS) Mouse Monoclonal Antibody [Clone ID: 1312/236]

Product data:

Product Type:	Primary Antibodies
Clone Name:	1312/236
Applications:	ELISA, IF, WB
Recommended Dilution:	ELISA. Western Blot.
Reactivity:	Chlamydia trachomatis
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Clamydia trachomatis L2
Specificity:	In a simple ELISA this antibody is reactive with 15 serovars of C. trachomatis. The epitope has been shown by Western blotting to be present in LPS.
Formulation:	PBS buffer, pH 7.2, 0.09% sodium azide State: Purified State: Liquid purified IgG
Concentration:	lot specific
Purification:	Protein A chromatography
Conjugation:	Unconjugated
Storage:	The antibody can be shipped at 2-8°C. Store (in aliquots) at -20°C only. 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.