

Product datasheet for **BM3196**

Borrelia burgdorferi OspA Mouse Monoclonal Antibody [Clone ID: 5015]

Product data:

Product Type:	Primary Antibodies
Clone Name:	5015
Applications:	ELISA
Recommended Dilution:	ELISA: 1/20-1/200 .
Reactivity:	Borrelia burgdorferi
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Borrelia burgdorferi whole bacteria
Specificity:	Specific for the 28 kDa (Osp A) protein of Borrelia burgdorferi
Formulation:	0.01M PBS, pH 7.2 containing 0.09% Sodium Azide as preservative without stabilizing proteins. State: Purified State: Liquid purified Ig fraction (>90% pure).
Concentration:	lot specific
Purification:	Protein A Chromatography.
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.
Database Link:	Q09086



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Background:

Borrelia burgdorferi is a spirochete and the cause of Lyme disease, a tick transmitted illness of humans and animals. *B. burgdorferi* may persist in humans and animals for months or years following initial infection, despite a robust humoral immune response. *B. burgdorferi* resembles other spirochetes in that it is a highly specialized, motile, two-membrane, spiral shaped bacteria which lives primarily as an extracellular pathogen. *B. burgdorferi* has an unusual genome compared with other eubacteria which includes a linear chromosome approximately one megabase in size and numerous linear and circular plasmids.

Synonyms:

Outer surface protein A