

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: C65550M **Lot #:** 2A00516

Description: MAb to *Borrelia burgdorferi*
Monoclonal Antibody to *Borrelia burgdorferi*

Specificity: Specific for the 28 kDa (Osp A) protein of *Borrelia burgdorferi*.

Host Animal: Mouse **Isotype:** IgG₁

Source: Ascites

Immunogen: *Borrelia burgdorferi* whole bacteria.

Format: Purified, Liquid

Purification: > 90% pure. Protein A Chromatography

Concentration: 1.5 mg/mL (OD280nm, E^{0.1%} = 1.3)

Buffer: 0.01 M Phosphate Buffered Saline, pH 7.2
This product contains no stabilizing proteins.

Preservative: 0.1% Sodium Azide

Applications: Suitable for use in ELISA and IFA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Store at 2-8°C.

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

References: The reference listed below is for research purposes only:
Marques, AR., et al., (2005), "Detection of Immune Complexes is not Independent of Detection of Antibodies in Lyme Disease Patients and Does Not Confirm Active Infection with *Borrelia burgdorferi*", Clinical and Diagnostic Laboratory Immunology, **12**(9): 1036–1040.



Signature

09 May 2017

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY