



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Borrelia

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[nordicmubio.com/product/borrelia](http://nordicmubio.com/product/borrelia)

Catalogue number: **BOR001**

Product Type	Primary Antibodies
Units	200 µg
Host	Rabbit
Application	ELISA Immunofluorescence Immunohistochemistry (paraffin) Western Blotting

### Background

The antibody is well suited to detect Borrelia in tissue slices and tissue extracts. Borrelia burgdorferi is a species of bacteria belonging to the class of spirochetes. Borrelia burgdorferi is the agent of Lyme Disease, a vector-borne disease transmitted by ticks (Ixodes ricinus and Ixodes dammini). Borrelia is widely distributed in North America and Europe. Borrelia burgdorferi, cross-reactivity with Borrelia hermsii and Borrelia parkerii as well as Treponema pallidum. In Western blotting bands are seen at 83kDa, 41kDa, 34kDa, 31kDa. Additional lower MW bands may also be observed. .

### Source

*Immunogen:* Cell preparation of Borrelia burgdorferi

### Product

Purified IgG in PBS pH7.2, contains sodium azide (0,09%)\*\*

*Purification Method:* Purified IgG in PBS pH7.2, contains sodium azide (0,09%)\*\*

*Concentration:* 1 mg/ml

*Secondary Reagents:* Anti-Rabbit IgG:Biotin-conjugate (Art. No. ZU101) in combination with Streptavidin:HRPO (Art. No. ZU054) or Streptavidin:AP (Art. No. ZU051)

### Specificity

*Species Reactivity:* Borrelia, (Treponema)

### **Applications**

IHC(P), WB, IFA, ELISA

*Incubation Time:* 60 min at RT or 18 hr at 2-8°C

*Working Concentration:* (liquid conc.) WB: 1 µg/ml, IHC: 5 µg/ml

### **Storage**

2-8°C

### **Caution**

\*These antibodies are intended for in vitro research use only. They must not be used for clinical diagnostics and not for in vivo experiments in humans or animals. \*\* The preservative sodium azide is known to be poisonous and potentially hazardous to health. It should be handled only by trained staff. Despite of the product's low azide concentration it must be handled with care. Dispose according to regional rules!

### **References**

1. Buechner S A , Winkelmann R K, Lautenschlager S ,Gilli L , Ruffli T (1993) Localized scleroderma associated with Borrelia burgdorferi infection. Clinical, histologic, and immunohistochemical observations Journal of the American Academy of Dermatology. 29(2 Pt 1):190-6.
2. Quatresooz P., Piérard G. E. (2009) Skin Homing of Treponema pallidum in Early Syphilis: An Immunohistochemical Study Applied Immunohistochemistry & Molecular Morphology: Volume 17 - Issue 1 - pp 47-50
3. Arrese Estrada J; Mélotte P; Hermanns J F; Piérard G E (1991) Immunohistochemistry of Borrelia type spirochetes Annales de dermatologie et de vénéréologie 118(4):277-9.