

## Borrelia burgdorferi (Lyme)

### Instructions for Use

**Specification:**

This antibody reacts with *Borrelia burgdorferi* and is known to cross react with *Treponema pallidum*, *Borrelia hermsii*, and *Borrelia parkerii*.

**Availability:**

Catalog No.	Contents	Volume
ILP0301-C01	<i>Borrelia burgdorferi</i>	0,1 ml concentrate
ILP0301-C05	<i>Borrelia burgdorferi</i>	0,5 ml concentrate
ILP0301-C1	<i>Borrelia burgdorferi</i>	1,0 ml concentrate

**Intended use:** For Research Use Only

**Reactivity:** *Borrelia burgdorferi*

**Clone:** -

**Species of origin:** Rabbit

**Isotype:** IgG

**Control Tissue:** *Borrelia* or *treponema* infected tissue.

**Staining:** Complete microorganism.

**Immunogen:** Whole cell preparation from *B. burgdorferi*

**Presentation:** Polyclonal purified IgG fraction, 4-5mg/ml in 10mM PBS, pH 7.2 with Sodium Azide.

**Application and suggested dilutions:**

Staining of formalin-fixed tissues requires no special pre-treatment.

- Immunohistochemical staining of formalin-fixed, paraffin embedded tissue section (dilution 1:200)
- WB (dilution > 1:1000)

The optimal dilution for a specific application should be determined by the investigator.

**Note:** Dilution of the antibody in 10% normal goat serum followed by a goat anti-rabbit secondary antibody-based detection is recommended.

**Storage & Stability:** Store at 2-8 °C. Do not use after expiration date printed on the vial. For long term storage, aliquot and freeze.