

Datasheet for ABIN1692578

**anti-Borrelia Burgdorferi antibody (AbBy Fluor® 350)**[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	Borrelia Burgdorferi
Reactivity:	Borrelia burgdorferi
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Borrelia Burgdorferi antibody is conjugated to AbBy Fluor® 350
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from Borrelia burgdorferi Outer surface protein A
Isotype:	IgG
Cross-Reactivity:	Bacteria
Cross-Reactivity (Details):	B. burgdorferi, B. afzelii, B. garinii, B. valaisiana and more from the Lyme Disease clade
Purification:	Purified by Protein A.

## Target Details

Target:	Borrelia Burgdorferi
Abstract:	<a href="#">Borrelia Burgdorferi Products</a>
Background:	Synonyms: ospA, Borreliella burgdorferi, Borrelia, Lyme disease, Lyme disease spirochete,

## Target Details

---

Borrelia afzelii, Borrelia garinii, Borrelia valaisiana, Borrelia bavariensis, Borrelia japonica, Borrelia mayonii, Borrelia yangtze, Borrelia chilensis, Borrelia spielmanii, Borrelia bissettii, Borrelia californiensis, Borrelia lanei, Borrelia lusitaniae, Borrelia finlandensis, Borreliaaceae,

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.

---

UniProt: [Q04851](#)

## Application Details

---

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

## Handling

---

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months