

## Product datasheet

### anti-Borrelia burgdorferi mouse monoclonal, EBS-I-014, purified

#### Short overview

<b>Cat. No.</b>	691634
<b>Quantity</b>	1 ml (100 µg/ml)
<b>Concentration</b>	100 µg/ml

#### Product description

<b>Host</b>	Mouse
<b>Antibody Type</b>	Monoclonal
<b>Isotype</b>	IgG2a kappa
<b>Clone</b>	EBS-I-014
<b>Immunogen</b>	Crude sonicate of Borrelia spirochetes
<b>Formulation</b>	PBS with 0.02% sodium azide
<b>Conjugate</b>	Unconjugated
<b>Purification</b>	Affinity chromatography
<b>Storage</b>	2-8°C
<b>Intended use</b>	Research use only
<b>Application</b>	ELISA, ICC/IF, IHC
<b>Reactivity</b>	B. burgdorferi, B. spirochetes

#### Applications

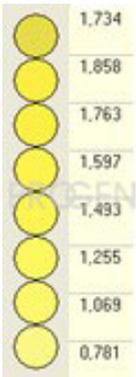
<b>ELISA</b>	Assay dependent
<b>Immunocytochemistry (ICC)</b>	1:50-1:100 (1-2 µg/ml)
<b>Immunohistochemistry (IHC) - frozen</b>	1:50-1:100 (1-2 µg/ml)

#### Background

EBS-I-014 reacts with flagellar core protein of Borrelia species including B. burgdorferi. B. burgdorferi is a species of bacteria of the spirochete class of the genus Borrelia causing Lyme disease, a vector-borne, multisystem inflammatory disease which is transmitted to humans by the bite of ticks of the Ixodes ricinus complex.

Positive control: B. burgdorferi and B. spirochetes.

#### Product images



1:3 titration by ELISA