



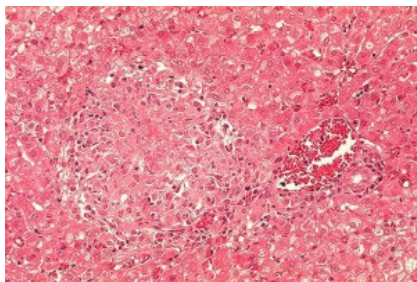
# ANTI-BRUCELLA MOUSE MONOCLONAL ANTIBODIES

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|-------------------------|--|
| <b>Host</b>             | Mouse  |
| <b>Applications</b>     | Lateral Flow, ELISA                                    |
| <b>Isotype</b>          | BBI071 – IgG <sub>1</sub><br>BBI063 – IgG <sub>3</sub> |
| <b>Immunogen Strain</b> | Brucella Suis  |

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## About Brucella



Brucella is a genus of Gram-negative bacteria, They are small, nonencapsulated, flagellated, facultatively intracellular coccobacilli.

Since it has the ability to transmit to humans through pigs and wild swine, B. suis was researched as a biological weapon during the Cold War era by both the U.S. and Soviet Union governments. Today it still poses a danger, especially that it can be used as a biological weapon for terrorism attack.

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|-----------------------------|------------------|
| <b>Available antibodies</b> | BBI063<br>BBI071 |
|-----------------------------|------------------|

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|--------------------------|---|
| <b>Antigens detected</b> | Brucella suis<br>Brucella Abortus<br>Brucella Melintensis |
|--------------------------|---|

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|---------------------------------|---|
| <b>Brucella Antibody Origin</b> | Hybridoma cell lines secreting these monoclonal antibodies were generated at Dstl Porton Down (A UK Government Agency: Defence, Science and Technology Laboratory). These monoclonal antibodies are manufactured and sold under licence from Ploughshare Innovations Ltd on behalf of the Secretary of State for Defence. |
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To find out more visit [www.bbisolutions.com](http://www.bbisolutions.com)

## Characterisation

### SDS PAGE Analysis

#### Fig 1. Non Reduced Gel

Lane 1 Bio-Rad  
Kaleidoscope Lot:  
350002555  
Lane 2 IgG Standard

Lane 7 BBI063  
Lane 8 BBI071

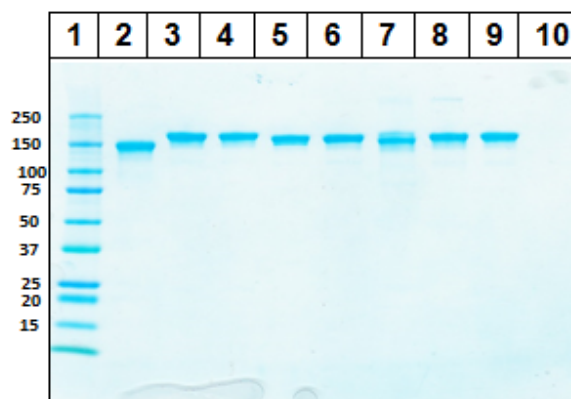


Fig 1.

#### Fig 2. Reduced Gel

Lane 1 Bio-Rad  
Kaleidoscope Lot:  
350002555  
Lane 2 IgG Standard

Lane 7 BBI063  
Lane 8 BBI071

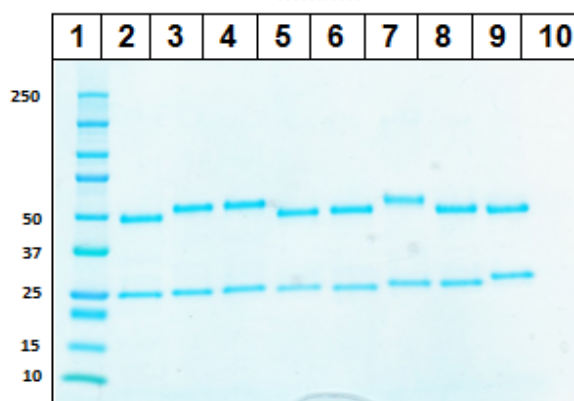


Fig 2.

## Why BBI Solutions?

BBI Solutions' antibody manufacturing team, based at Porton Down, can supply an extensive selection of antibodies for the detection of biothreat agents and explosives. A number of these antibodies are sold under licence from the UK Secretary of State for Defence.

**Certificates of analysis are available, please contact us for further information:**

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