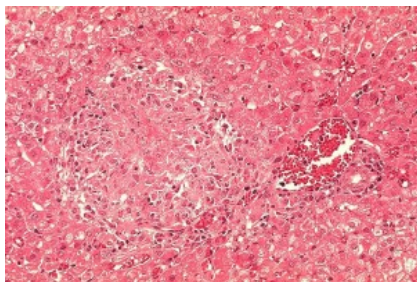




# ANTI-BRUCELLA MOUSE MONOCLONAL ANTIBODIES

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

**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 because it can be used as a biological weapon for a terrorist attack.

<b>Available antibodies</b>	BBI063 BBI071
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<b>Antigens detected</b>	Brucella suis Brucella Abortus 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)

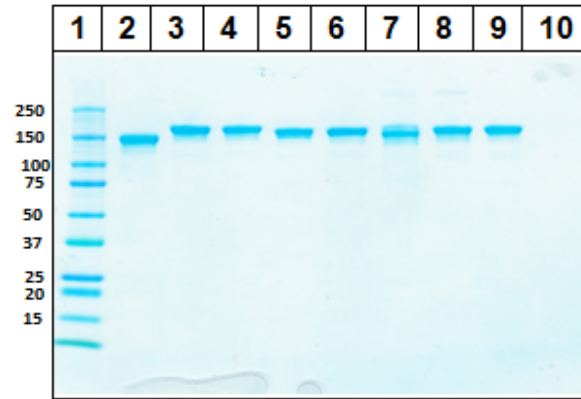
**Characterisation**

**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

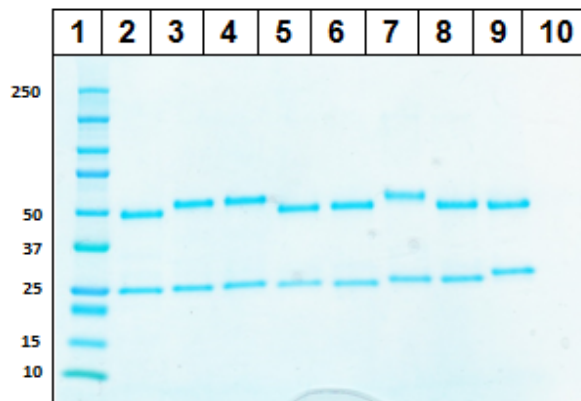


**Fig 1.**

**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 can supply an extensive selection of antibodies for the detection of biothreat agents, explosives and infectious diseases. A number of these antibodies are sold under licence from the UK Secretary of State for Defence.