



ANTI-BURKHOLDERIA MOUSE MONOCLONAL ANTIBODY

Host	Mouse
Applications	Lateral Flow, ELISA
Isotype	IgG _{2b}
Immunogen Strain	Burkholderia Pseudomallei

About Burkholderia



Burkholderia pseudomallei is a Gram-negative, bipolar, aerobic, motile rod-shaped bacterium. It is a soil-dwelling bacterium endemic in tropical and subtropical regions worldwide, particularly in Thailand and northern Australia.

Burkholderia pseudomallei is the causative agent for Melioidosis, which is also referred to as Whitemore's disease.

The Center for Disease Control (CDC) classified melioidosis as a Category B biological weapons agent. Burkholderia pseudomallei presents a stable, sturdy, easily obtainable, easily manufactured potential biological agent. In addition, due to its flu-like symptoms and potentially long incubation period, melioidosis can be difficult to accurately diagnose.

Available antibodies	BB1158 BB1159
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Antigens detected	Burkholderia pseudomallei Burholderia mallei
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Burkholderia pseudomallei Antibody Origin	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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Characterisation

SDS PAGE Analysis

Fig 1. Non Reduced Gel G786

Lane 1 Bio-Rad
Kaleidoscope Lot:
350002760
Lane 2 IgG Standard

Lane 4 BBI159
Lane 5 BBI158

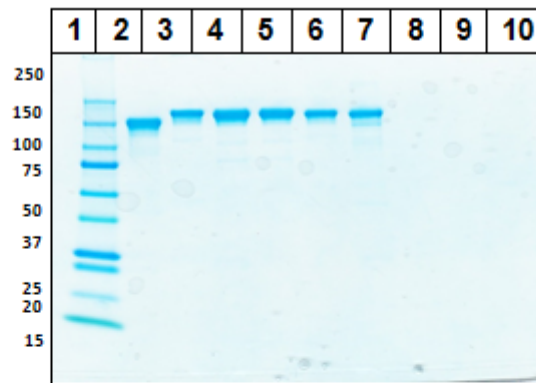


Fig 1.

Fig 2. Reduced Gel G787

Lane 1 Bio-Rad
Kaleidoscope Lot:
350002760
Lane 2 IgG Standard

Lane 4 BBI159
Lane 5 BBI158

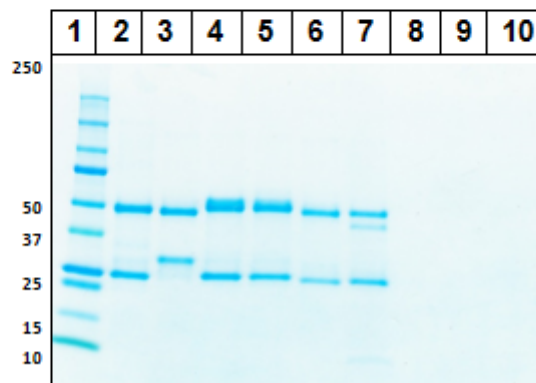


Fig 2.

Why BBI Detection?

BBI Detection's 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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