



# Mouse Anti-*B. mallei* Monoclonal antibody, clone C2863N (CABT-RM301)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	Burkholderia (Pseudomonas) mallei whole cells.
<b>Target</b>	<i>B. mallei</i>
<b>Immunogen</b>	Burkholderia (Pseudomonas) mallei LPS
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	<i>B. mallei</i>
<b>Clone</b>	C2863N
<b>Purification</b>	> 95% pure (SDS-PAGE). Protein G Chromatography
<b>Conjugate</b>	unconjugated
<b>Applications</b>	ELISA
<b>Format</b>	Liquid
<b>Size</b>	1 mg
<b>Buffer</b>	Phosphate Buffered Saline, pH 7.4
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Store at 2-8°C.

## BACKGROUND

**Introduction**

*Burkholderia mallei* is a Gram-negative, bipolar, aerobic bacterium, a human and animal pathogen of genus *Burkholderia* causing glanders; the Latin name of this disease (malleus) gave its name to the species causing it. It is closely related to *B. pseudomallei*, and by multilocus sequence typing it is a subspecies of *B. pseudomallei*. *B. mallei* evolved from *B. pseudomallei* by selective reduction and deletions from the *B. pseudomallei* genome. Unlike *B. pseudomallei* and other genus members, *B. mallei* is nonmotile; its shape is coccobacillary measuring some 1.5–3.0  $\mu\text{m}$  in length and 0.5–1.0  $\mu\text{m}$  in diameter with rounded ends.

**Keywords**

*Burkholderia mallei*; *B. mallei*