



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

Specificity	Burkholderia (Pseudomonas) mallei whole cells.
Target	B. mallei
Immunogen	Burkholderia (Pseudomonas) mallei LPS
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	B. mallei
Clone	C2863N
Purification	> 95% pure (SDS-PAGE). Protein G Chromatography
Conjugate	unconjugated
Applications	ELISA
Format	Liquid
Size	1 mg
Buffer	Phosphate Buffered Saline, pH 7.4
Preservative	0.09% Sodium Azide
Storage	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 µm in length and 0.5–1.0 µm in diameter with rounded ends.

Keywords

Burkholderia mallei; *B. mallei*