



Anti-*P. aeruginosa* type 3 Monoclonal antibody, Clone 2002/325 (DMABT-51503MP)

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

PRODUCT INFORMATION

Product Overview	Mouse Anti Pseudomonas Aeruginosa Serotype3
Target	<i>P. aeruginosa</i> type 3
Immunogen	<i>P. aeruginosa</i> serotype 3 (ATCC 33350)
Isotype	IgG3
Source/Host	Mouse
Species Reactivity	<i>P. aeruginosa</i>
Clone	2002/325
Conjugate	Unconjugated
Applications	ELISA
Format	Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml
Size	200 µg
Buffer	Phosphate buffered saline
Preservative	0.09% Sodium Azide
Storage	This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short

term use (up to 4 weeks) and store the remaining aliquots at -20°C.

BACKGROUND

Introduction

Pseudomonas aeruginosa is Gram-negative, aerobic, rod-shaped bacteria with unipolar motility. An opportunistic human pathogen, *P. aeruginosa* is also an opportunistic pathogen of plants. *P. aeruginosa* bacteria are clinically important because they are resistant to most antibiotics and they are capable of surviving in conditions that few other organisms can tolerate. *Pseudomonas* is often encountered in hospital and clinical work because it is a major cause of hospital acquired (nosocomal) infections. Its main targets are immunocompromised individuals, burn victims, and individuals on respirators or with indwelling catheters. Additionally, these pathogens colonize the lungs of cystic fibrosis patients.

Keywords

P. aeruginosa; *P. aeruginosa*; *Pseudomonas aeruginosa*; Pseudomonadaceae; *Pseudomonas*; *pseudomonas aeruginosa*; Gamma Proteobacteria; Bacteria
