



Anti-P. aeruginosa type 7, 8 Monoclonal antibody, Clone 02/504 (DMABT-51508MP)

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

PRODUCT INFORMATION

Product Overview	Mouse Anti Pseudomonas Aeruginosa Serotypes7 & 8Mouse Anti Pseudomonas Aeruginosa Serotypes7 & 8
Target	P. aeruginosa type 7, 8
Immunogen	P. aeruginosa serotype 7 (ATCC 33353)
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	P. aeruginosa
Clone	02/504
Conjugate	Unconjugated
Applications	IHC, ELISA, FC, IF, WB
Format	Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml
Size	200 µg
Buffer	Phosphate buffered saline
Preservative	0.09% Sodium Azide
Storage	Store at +4 °C or at -20 °C if preferred.Storage in frost-free freezers is not recommended.This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature

the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

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*
