



Human Anti-*S. aureus* RNase J1 Monoclonal antibody, clone 47RJ1M (DMAB-CBXY25206)

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

PRODUCT INFORMATION

Specificity	Specific for <i>S. aureus</i> RNase J1
Target	<i>S. aureus</i> RNase J1
Isotype	IgM
Source/Host	Human
Species Reactivity	<i>S. aureus</i>
Clone	47RJ1M
Purification	Affinity purified
Conjugate	Unconjugated
Applications	Suitable for use in Control, ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Liquid
Size	100 µg
Buffer	PBS-Tris
Preservative	None
Storage	Short term at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles.

BACKGROUND

Introduction

RNase J enzymes are metallohydrolases that are involved in RNA maturation and RNA recycling, govern gene expression in bacteria, and catalyze both exonuclease and endonuclease activity. The catalytic activity of RNase J is regulated by multiple mechanisms which include oligomerization, conformational changes to aid substrate recognition, and the metal cofactor at the active site.

Keywords

Staphylococcus aureus; S. aureus; S. aureus mj1; S. aureus RNase J1; S. aureus Ribonuclease J1
