



Mouse Anti-Streptomyces alboniger puromycin monoclonal antibody, clone 5B23 (CABT-L4264)

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

PRODUCT INFORMATION

Specificity	This antibody Recognizes puromycin.
Immunogen	Puromycin (coupled to KLH) from Streptomyces alboniger bacterium.
Isotype	IgG2c
Source/Host	Mouse
Species Reactivity	N/A
Clone	5B23
Purification	Unpurified
Conjugate	Unconjugated
Applications	ELISA, FC, Immunofluorescence, Immunoprecipitation, Western Blot
Format	Liquid
Size	1 ml
Buffer	Medium: RPMI 1640; Glutamine; Na pyruvate; 10% fetal bovine serum; Penicillin-streptomycin; gentamycin
Preservative	None
Storage	Short Term: 2-8°C. Long Term: -20°C. Avoid repeated freezing and thawing.

BACKGROUND

Introduction

Puromycin is a structural analog of aminoacyl tRNAs that can be incorporated into nascent polypeptide chain and blocks elongation. This antibody is used to detect the subcellular localization of actively translating ribosomes by the ribopuromycylation method (RPM), and localizes puromycylated nascent chains on ribosomes immobilized by chain elongation inhibitors in living cells prior to processing for intracellular immunofluorescence and/or western blots.

Keywords

Puromycin;antibiotic;Streptomyces alboniger;aminoglycoside antibiotics

GENE INFORMATION

Official Symbol

Puromycin
