



Magic™ Mouse Anti-*M. hyorhinis* P70 Monoclonal antibody, clone AB3P (CABT-ZS1017)

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

PRODUCT INFORMATION

Specificity	P70 surface lipoprotein of <i>Mycobacteria</i> hyorhinis
Target	<i>M. hyorhinis</i> P70
Immunogen	Eluted protein band from SDS-PAGE of cell lysate
Isotype	IgG1k
Source/Host	Mouse
Species Reactivity	<i>M. hyorhinis</i>
Clone	AB3P
Purification	Protein G
Conjugate	unconjugated
Applications	WB, ELISA, IHC
Format	Liquid
Size	100 µg
Buffer	0.1M Sodium Phosphate, pH 7.4, 0.15M NaCl, 0.05% (w/v) Sodium Azide
Preservative	0.05% Sodium Azide
Storage	Store at -20°C

BACKGROUND

Introduction

Mycoplasma hyorhinis is a swine pathogen associated with pig pneumonia and is found on pig farms all over the world. The respiratory infection caused may be chronic, have high morbidity and low mortality rates and result in economic loss. *M. hyorhinis* is also one of the most prevalent mycoplasma contaminants of tissue culture used in research and commercial production. The P70 antigen target of mAb AB3P is constitutively expressed in all of several strains of *Mycoplasma hyorhinis* assayed, but not in other species of swine *Mycoplasmas* tested. The P70 lipoprotein target has been implicated in oligonucleotide transport and corresponds to a gene product encoded in currently reported *M. hyorhinis* genome sequence

Keywords

M. hyorhinis P70; *M. hyorhinis*; *Mycoplasma hyorhinis*; *Mycoplasma hyorhinis* P70