



Magic™ Mouse Anti-M. tuberculosis 38KD Monoclonal antibody, clone 411 (DMAB- CS24007)

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

PRODUCT INFORMATION

Specificity	M. tuberculosis 38KD
Target	M. tuberculosis 38KD
Isotype	IgG
Source/Host	Mouse
Species Reactivity	M. tuberculosis
Clone	411
Conjugate	unconjugated
Applications	ELISA (Det), LFIA
Format	Liquid
Size	1 mg
Buffer	10mM CB PH9.5
Preservative	None
Storage	Short-term: store at 4°C. Long-term: store at -20°C or below in suitable aliquots.

BACKGROUND

Introduction

Mycobacterium tuberculosis, the causative agent of pulmonary tuberculosis (TB), has infected approximately one-third of the world population and is projected to result in 3.5 million annual deaths by the end of the year 2000. The bacterium is spread primarily through aerosolized infectious particles generated from coughing and sneezing by individuals with TB. Due to the primary route of transmission, early diagnosis of TB is essential in limiting the spread of M. tuberculosis within a human population. One of the best diagnostic markers isolated thus far, the 38-kDa antigen, has shown some potential for use in a single-antigen diagnostic test.

Keywords

Mycobacterium tuberculosis; M. tuberculosis; Mtb; M. tuberculosis 38KD; Mtb 38KD