



Mouse Anti-Amikacin monoclonal antibody, clone AMK (CABT-L2530)

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

PRODUCT INFORMATION

Specificity	Amikacin
Immunogen	Amikacin with carrier protein
Isotype	IgG
Source/Host	Mouse
Species Reactivity	N/A
Clone	AMK
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA, LFIA
Format	Liquid
Concentration	Lot specific
Size	1 mg
Buffer	PBS
Preservative	None
Storage	-20°C. Avoid Freeze/Thaw Cycles
Warnings	For research use only and not for use in diagnostic or therapeutic procedures.

BACKGROUND

Introduction

Amikacin is most often used for treating severe, hospital-acquired infections with multidrug resistant Gram negative bacteria such as *Pseudomonas aeruginosa*, *Acinetobacter*, and *Enterobacter*. *Serratia marcescens* and *Providencia stuartii* are also included in the spectrum. Amikacin can also be used to treat non tubercular mycobacterial infections and tuberculosis (if

caused by sensitive strains) when first line drugs fail to control the infection. Amikacin may be combined with a beta-lactam antibiotic for empiric therapy for people with neutropenia and fever. Liposomal amikacin for inhalation is currently in late stage clinical trials for the treatment of respiratory diseases, such as cystic fibrosis, *Pseudomonas aeruginosa*, non tubercular mycobacterial infections and bronchiectasis.

Keywords

Akacin;Akim;Amicacin;Amicasil;Amiglyde-V;Amikacin

Sulfate;Amikacinaamikacine;Amikacinum;Amikavet;Amikin;Arikace;Briclin;
