



Anti-Gentamicin monoclonal antibody, clone HF3 (DMABT-54914MG)

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

PRODUCT INFORMATION

Product Overview	Mouse Anti Gentamicin
Specificity	DMABT-54914MG recognises Gentamicin, an aminoglycoside antibiotic. Gentamicin binds to the 30S ribosomal subunit of microbial RNA, disrupting protein synthesis. It is normally used to treat infection with Gram negative bacteria, but may also be used to treat infection with Gram positive bacteria such as Staphylococcus. Potential side effects include kidney damage and hearing loss.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Chemical
Clone	HF3
Conjugate	Unconjugated
Applications	IA
Preparation	Purified IgG prepared by affinity chromatography on Protein A
Format	Purified IgG - liquid
Concentration	IgG concentration 1.0mg/ml
Size	1 mg
Buffer	Phosphate buffered saline
Preservative	0.05% Sodium Azide

Storage

Store at +4 °C or at -20 °C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

BACKGROUND

Introduction

Gentamycin is an aminoglycoside antibiotic used to treat infections caused by many different types of bacteria. Gentamycin is usually administered by intravenous infusion or intramuscular injection.

Keywords

GENTAMICIN; GENTAMYCIN; GENTAMYCINE; GentamysinsolutionforBiochemistry; Gentacycol; Gentavet; GENTAMICINUM; Refobacin tm; Uromycine; Gentamicin (base and/or unspecified salts)
