



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

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

PRODUCT INFORMATION

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	Product Overview	Mouse Anti GentamicinMouse Anti Gentamicin
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	Specificity	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
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	Isotype	lgG1
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	Source/Host	Mouse
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	Species Reactivity	Chemical
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	Clone	HF3
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	Conjugate	Unconjugated
Format Purified IgG - liquid Concentration IgG concentration 1.0mg/ml Size 1 mg Buffer Phosphate buffered saline	Applications	IA
Concentration	Preparation	Purified IgG prepared by affinity chromatography on Protein A
Size 1 mg Buffer Phosphate buffered saline	Format	Purified IgG - liquid
Buffer Phosphate buffered saline	Concentration	IgG concentration 1.0mg/ml
	Size	1 mg
Preservative 0.05% Sodium Azide	Buffer	Phosphate buffered saline
	Preservative	0.05% Sodium Azide

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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)