



# Anti-Gentamicin monoclonal antibody, clone HF2 (DMABT-54913MG)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Mouse Anti Gentamicin Mouse Anti Gentamicin
<b>Specificity</b>	DMABT-54913MG 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.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Chemical
<b>Clone</b>	HF2
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IA
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein A
<b>Format</b>	Purified IgG - liquid
<b>Concentration</b>	IgG concentration 1.0mg/ml
<b>Size</b>	1 mg
<b>Buffer</b>	Phosphate buffered saline
<b>Preservative</b>	0.05% Sodium Azide
<b>Storage</b>	Store at +4 oC or at -20 oC 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)