



Anti-Vancomycin polyclonal antibody (DPAB0362)

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

PRODUCT INFORMATION

Specificity	Vancomycin
Immunogen	Vancomycin-KLH conjugate
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	N/A
Purification	Protein G chromatography
Conjugate	Unconjugated
Applications	Suitable for use in indirect ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Purified, Liquid
Concentration	5mg/ml (OD280nm)
Buffer	PBS, pH 7.4
Preservative	0.09% Sodium Azide
Storage	Upon receipt, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.
Warnings	This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1–1.0%. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

BACKGROUND

Introduction	Until recently, Vancomycin was one of the most powerful antibiotics that no bacterial cell had resistance to. Vancomycin is a very successful glycopeptide antibiotic, attacking the D alanyl D alanine component of the cell wall. By binding to the D alanyl D alanine component, Vancomycin is able to interrupt the normal cell wall formation. However, recently cells have achieved
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resistance to vancomycin. The reason that the resistance is so effective is that these cells have modified the D alanyl D alanine components of the cell wall into D alanyl D lactate components. Although this may sound easy, the actual process involves a series of five or more genes.

Keywords

ARMAPE; MOUSE PAI-1; MOUSE PLASMINOGEN ACTIVATOR INHIBITOR-1; PAI-1; PAI-1, HUMAN; PAI-1, MOUSE; PAI-1, MUTANT, MOUSE; PAI-1, RAT; PLASMINOGEN ACTIVATOR INHIBITOR-1, HUMAN; PLASMINOGEN ACTIVATOR INHIBITOR-1, HUMAN, RECOMBINANT; PLASMINOGEN ACTIVATOR INHIBITOR 1; PLASMINOGEN ACTIVATOR INHIBITOR-1, MUTANT, MOUSE; PLASMINOGEN ACTIVATOR INHIBITOR-1, MUTANT, MOUSE, RECOMBINANT; PLASMINOGEN ACTIVATOR INHIBITOR-1, RAT; PLASMINOGEN ACTIVATOR INHIBITOR-1, RAT, RECOMBINANT; Vancomycin
