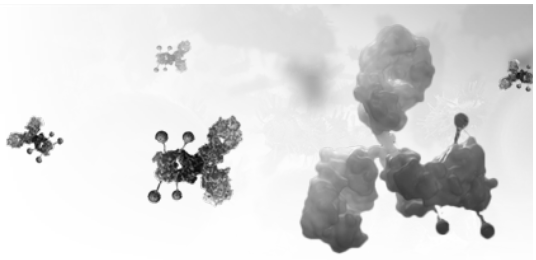

Anti- Vancomycin polyclonal antibody (DPBT-68293SV)

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

PRODUCT INFORMATION

Product Overview	Sheep Anti Vancomycin polyclonal antibody
Specificity	DPBT-68293SV is specific for Vancomycin, a glycopeptide antibiotic that attacks the D-alanyl D-alanine component of the bacterial cell wall.
Immunogen	Vancomycin conjugated to Keyhole limpet Haemocyanin.
Isotype	IgG
Source/Host	Sheep
Species Reactivity	Chemical
Conjugate	Unconjugated
Applications	ELISA
Format	Serum - liquid
Size	500 µl
Preservative	0.09% 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 protein. Should this product contain a precipitate we recommend microcentrifugation before use.

BACKGROUND

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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 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

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