



ply Antibody

Cat No: HR1AP0004

For research use only

Overview

Product Name	ply Antibody
Source	Rabbit
Applications	ELISA
Species Reactivity	Streptococcus pneumoniae serotype 4
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	Store at -20°C or -80°C. Avoid repeated freeze.
Isotype	IgG
Clonality	Polyclonal
Concentration	
Observed band	kDa
GenID?Human?	66806991
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	ply antibody; SP_1923 antibody; Pneumolysin antibody; Ply antibody; Thiol-activated cytolysin antibody
Background	A cholesterol-dependent toxin that causes cytolysis by forming pores in cholesterol containing host membranes. After binding to target membranes, the protein undergoes a major conformation change, leading to its insertion in the host membrane and formation of an oligomeric pore complex. Cholesterol is required for binding to host membranes, membrane insertion and pore formation; cholesterol binding is mediated by a Thr-Leu pair in the C-terminus. Can be reversibly inactivated by oxidation.