



ply Antibody, Biotin conjugated

Product Code	CSB-PA314690HD01FMW
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P0C2J9
Immunogen	Recombinant Streptococcus pneumoniae serotype 4 Pneumolysin protein (2-471AA)
Raised In	Rabbit
Species Reactivity	Streptococcus pneumoniae serotype 4
Tested Applications	ELISA
Relevance	Sulfhydryl-activated 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 may be required for binding to host membranes, membrane insertion and pore formation. Can be reversibly inactivated by oxidation (By similarity).
Form	Liquid
Conjugate	Biotin
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	Pneumolysin (Thiol-activated cytolysin), ply
Species	Streptococcus pneumoniae serotype 4 (strain ATCC BAA-334 / TIGR4)
Research Area	Others
Target Names	ply