F Antibody, Biotin conjugated

Product Code	CSB-PA356041LD01HTO
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P03420
Immunogen	Recombinant Human respiratory syncytial virus A Fusion glycoprotein F0 protein (27-529AA)
Raised In	Rabbit
Species Reactivity	Human respiRatory syncytial virus A
Tested Applications	ELISA
Relevance	During virus entry, induces fusion of viral and cellular membranes leading to delivery of the nucleocapsid into the cytoplasm. The fusogenic activity is inactive untill entry into host cell endosome, where a furin-like protease cleaves off a small peptide between F1 and F2 (PubMed:18216092). Interacts directly with heparan sulfate and may participates in virus attachment (PubMed:10864656). Furthermore, the F2 subunit was identifed as the major determinant of RSV host cell specificity (PubMed:11493675). Later in infection, proteins F expressed at the plasma membrane of infected cells can mediate fusion with adjacent cells to form syncytia, a cytopathic effect that could lead to tissue necrosis. The fusion protein is also able to trigger p53-dependent apoptosis (PubMed:12663767).
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	Fusion glycoprotein F0 (Protein F) [Cleaved into: Fusion glycoprotein F2\'; Interchain peptide; Fusion glycoprotein F2; Fusion glycoprotein F1], F
Species	Human respiratory syncytial virus A (strain A2)
Research Area	Others
Target Names	F