



CD46 Antibody, Biotin conjugated

Product Code	CSB-PA004939ED01HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P15529
Immunogen	Recombinant Human Membrane cofactor protein (164-325AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA
Relevance	Acts as a cofactor for complement factor I, a serine protease which protects autologous cells against complement-mediated injury by cleaving C3b and C4b deposited on host tissue. May be involved in the fusion of the spermatozoa with the oocyte during fertilization. Also acts as a costimulatory factor for T-cells which induces the differentiation of CD4+ into T-regulatory 1 cells. T-regulatory 1 cells suppress immune responses by secreting interleukin-10, and therefore are thought to prevent autoimmunity. A number of viral and bacterial pathogens seem to exploit this property and directly induce an immunosuppressive phenotype in T-cells by binding to CD46.
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	Membrane cofactor protein (TLX) (Trophoblast leukocyte common antigen) (CD antigen CD46), CD46, MCP MIC10
Species	Homo sapiens (Human)
Research Area	Immunology
Target Names	CD46