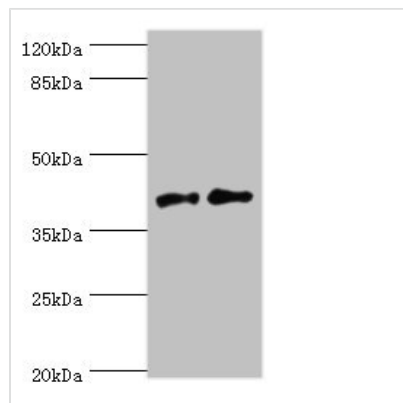




CD46 Antibody

Product Code	CSB-PA004939EA01HU
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, WB, IHC; Recommended dilution: WB:1:200-1000, IHC:1:20-1:200
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	Non-conjugated
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	Human
Research Area	Immunology
Target Names	CD46
Image	



Western blot

All lanes: Membrane cofactor protein antibody at 2 μ g/ml

Lane 1: K562 whole cell lysate

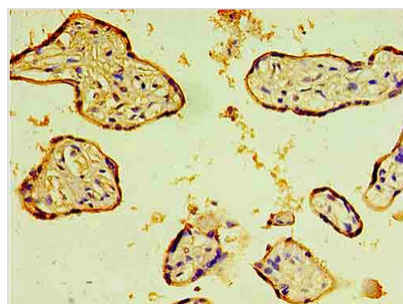
Lane 2: Hela whole cell lysate

Secondary

Goat polyclonal to rabbit at 1/10000 dilution

Predicted band size: 44, 45, 43, 41, 42, 40, 37 kDa

Observed band size: 41 kDa



Immunohistochemistry of paraffin-embedded human placenta tissue using CSB-PA004939EA01HU at dilution of 1:100