



Human CD46-hIgG4

Cat No.: 03-01-0420

Product Name: Human CD46-hIgG4

Description: CD46 is the membrane cofactor protein that serves as an inhibitory complement receptor in complement regulatory cascade. It 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. It 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 bind MCP in order to exploit its immune regulation property and directly induce an immunosuppressive phenotype in T-cells. CD46 serves as receptor for adenovirus subgroup B2 and Ad3, cultured measles virus and herpesvirus 6, and pathogenic bacteria *Neisseria* and *Streptococcus pyogenes*.

Type: Protein

Property: Recombinant Protein

Source: HEK293

Genbank No.: P15529 (aa.35-343)



Applications:	ELISA, WB, Immunogen
Formulation:	Each vial contains 50ug purified protein(1mg/ml) in PBS(pH7.4).
Purity:	>95%
Storage:	Store at -80°C, Avoid freeze / thaw cycle.
Limitation:	For research use only, not for use in diagnostic procedures.