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CD46 Polyclonal Antibody

Cat #: G-AB-00039

Host: Rabbit **Reactivity:** Mouse, Rat

Isotype: IgG **Clonality:** Polyclonal

Overview:
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.

Gene ID:

Accession #:

Immunogen: Recombinant human Membrane cofactor protein

Conjugation: Unconjugated

Swissprot: P15529

Calculated Molecular Weight:

Observed Molecular Weight:

Concentration: 2 mg/mL

Buffer: PBS with 0.05% Proclin300 and 50% glycerol, pH7.4.

Purification Method: Affinity purification

Application: IHC

Dilution: IHC 1:50-1:100

Storage: Store at -20°C. Avoid freeze / thaw cycles.