
TLR5 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251565

Unit: 0.1 mg

Description:

Toll-like receptor 5 (TLR5) participates in the innate immune response to microbial agents. TLR5 mediates detection of bacterial flagellins. TLR5 acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response. Individuals with a common stop codon polymorphism in position 392 are unable to mediate flagellin signaling. This polymorphism acts in a dominant fashion and is associated with susceptibility to pneumonia caused by *Legionella pneumophila*. Genetic variations in TLR5 are associated with resistance to systemic lupus erythematosus type 1 (SLEB1). Systemic lupus erythematosus (SLE) is a chronic autoimmune disease with a complex genetic basis.

Isotype: Rabbit Ig

Applications: E, WB, IHC, IP

Species Reactivity: H, M, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: TLR5; CD285; Toll-like receptor 5; Toll/interleukin-1 receptor-like protein 3; TIL3

Accession No.: O60602

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human TLR5.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500; IP: 1:100-1:500

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

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.