TLR6 Antibody

Subcategory: Rabbit Polyclonal Antibody
Cat. No.: 253578
Unit: 0.1 mg

Description:
Toll-like receptors (TLRs) are evolutionarily conserved pattern-recognition molecules resembling the toll proteins that mediate antimicrobial responses in Drosophila. These proteins recognize different microbial products during infection and serve as an important link between the innate and adaptive immune responses. The TLRs act through adaptor molecules such as MyD88 and TIRAP to activate various kinases and transcription factors so the organism can respond to potential infection. TLR6 was first identified as a close homolog of TLR1, sharing 69% sequence identify. Like TLR1, TLR6 can form heterodimers with TLR2, and these TLR6:TLR2 dimers coordinate macrophage activation by Gram-positive bacteria and the yeast cell wall particle zymosan. Activation of these complexes not only initiates pro-inflammatory cascades, but also can lead to apoptotic responses.

Isotype: Rabbit Ig
Applications: E, WB, ICC
Species Reactivity: H, M
Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.
Alternate Names: TLR6 ; Toll-like receptor 6
Accession No.: NP_006059

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human TLR6.
Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; ICC: 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.