RP105 Antibody

Subcategory: Rabbit Polyclonal Antibody
Cat. No.: 253629
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 signaling of these TLRs is kept under tight control by the expression of endogenous inhibiting proteins. One such protein is RP105, a recently identified homolog to TLR4 that, with MD-1, interacts with and inhibits the TLR4/MD-2 signaling pathway. It has also been suggested that the RP105/MD-1 complex influences antibody production mediated by both TLR4/MD-2 and TLR2 receptor complexes. Despite its predicted molecular weight, RP105 often migrates at 95 ? 105 kDa.

Isotype: Rabbit Ig
Applications: E, WB, IHC
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: RP105 ; Radioprotective 105; Lymphocyte antigen 64; CD180 antigen precursor
Accession No.: BAA12019

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human RP105.
Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:00-1:500

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.