

Product datasheet for **TA306125**

TLR2 Rabbit Polyclonal Antibody

Product data:

| | |
|-----------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | ELISA, IF, IHC, WB |
| Recommended Dilution: | TLR2 antibody can be used for detection of TLR2 by Western blot at 1 µg/mL. Despite its predicted molecular weight, TLR2 runs at ~100 kDa in SDS-PAGE. This polyclonal antibody can also detect TLR2 by immunohistochemistry at 2 µg/mL. For immunofluorescence start at 10 µg/mL. Antibody validated: Western Blot in mouse samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | TLR2 antibody was raised against a peptide corresponding to 14 amino acids near the amino terminus of human TLR2. |
| Formulation: | PBS containing 0.02% sodium azide. |
| Purification: | TLR2 Antibody is affinity chromatography purified via peptide column. |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Gene Name: | toll like receptor 2 |
| Database Link: | NP_003255 Entrez Gene 24088 Mouse Entrez Gene 7097 Human O60603 |



[View online »](#)

| | |
|--------------------------|---|
| Background: | Toll-like receptors (TLRs) are signaling molecules that recognize different microbial products during infection and serve as an important link between the innate and adaptive immune responses (1-3). These proteins act through adaptor molecules such as MyD88 and TIRAP to activate various kinases and transcription factors such as Protein Kinase C (PKC) alpha/beta and NF-kappaB (4-6). TLR2 can form heterodimers with either TLR1 or TLR6, and as a heterodimer can recognize a variety of bacterial and mycoplasma lipoproteins respectively (reviewed in 7). |
| Synonyms: | CD282; TIL4 |
| Protein Families: | Druggable Genome, Transmembrane |
| Protein Pathways: | Toll-like receptor signaling pathway |