
Product Information

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| Product SKU: | CAB14642 | Gene ID: | 54106 | Size: | 20uL, 100uL |
| Clone No: | - | Host Species: | Rabbit | Reactivity: | Human,Mouse,Rat |

Additional Information

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| Observed MW: | 135kDa | Conjugate: | Unconjugated |
| Calculated MW: | 116kDa | Isotype: | IgG |

Immunogen Information

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| Background: | The protein encoded by this gene is a member of the Toll-like receptor (TLR) family, which plays a fundamental role in pathogen recognition and activation of innate immunity. TLRs are highly conserved from Drosophila to humans and share structural and functional similarities. They recognize pathogen-associated molecular patterns (PAMPs) that are expressed on infectious agents, and mediate the production of cytokines necessary for the development of effective immunity. Studies in mice and human indicate that this receptor mediates cellular response to unmethylated CpG dinucleotides in bacterial DNA to mount an innate immune response. |
| Recommended Dilution: | WB,1:500 - 1:1000 IHC-P,1:50 - 1:200 |
| Synonyms: | CD289; TLR9 |
| Purification Method: | Affinity purification |
| Immunogen: | A synthetic peptide corresponding to a sequence within amino acids 414-543 of human TLR9 (NP_059138.1). |
| Storage: | Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3. |