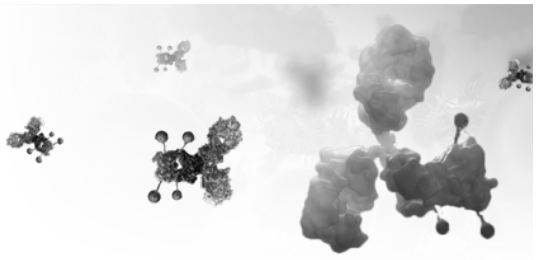

# Anti-TLR2 monoclonal antibody, clone FQS3189Z (DCABH-9433)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

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|---|---|
| **Product Overview** | Rabbit monoclonal to TLR2 |
| **Antigen Description** | Cooperates with LY96 to mediate the innate immune response to bacterial lipoproteins and other microbial cell wall components. Cooperates with TLR1 to mediate the innate immune response to bacterial lipoproteins or lipopeptides. Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response. May also promote apoptosis in response to lipoproteins. Recognizes mycoplasmal macrophage-activating lipopeptide-2kD (MALP-2), soluble tuberculosis factor (STF), phenol-soluble modulin (PSM) and B.burgdorferi outer surface protein A lipoprotein (OspA-L) cooperatively with TLR6. |
| **Immunogen** | A synthetic peptide corresponding to residues surrounding human TLR2 |
| **Isotype** | IgG |
| **Source/Host** | Rabbit |
| **Species Reactivity** | Human |
| **Clone** | FQS3189Z |
| **Conjugate** | Unconjugated |
| **Applications** | WB, ICC |
| **Positive Control** | THP-1 cell lysate |
| **Format** | Liquid |
| **Size** | 100 µl |
| **Buffer** | pH: 7.40; Preservative: 0.01% Sodium azide; Constituents: 50% Glycerol, 0.05% BSA |

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| | |
|---|---|
| **Preservative** | 0.01% Sodium Azide |
| **Storage** | store at -20°C. Avoid freeze / thaw cycles. |
| **Ship** | Shipped at 4°C. |

# GENE INFORMATION

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|---|---|
| **Gene Name** | TLR2 toll-like receptor 2 [ Homo sapiens ] |
| **Official Symbol** | TLR2 |
| **Synonyms** | TLR2; toll-like receptor 2; CD282; TIL4; toll/interleukin 1 receptor-like 4; toll/interleukin-1 receptor-like protein 4; |
| **Entrez Gene ID** | 7097 |
| **Protein Refseq** | NP_003255 |
| **UniProt ID** | B3KWR9 |
| **Chromosome Location** | 4q32 |
| **Pathway** | Activated TLR4 signalling, organism-specific biosystem; Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; Beta defensins, organism-specific biosystem; Chagas disease (American trypanosomiasis), organism-specific biosystem; Chagas disease (American trypanosomiasis), conserved biosystem; Defensins, organism-specific biosystem; |
| **Function** | Gram-positive bacterial cell surface binding; lipopolysaccharide receptor activity; pattern recognition receptor activity; peptidoglycan binding; protein binding; protein heterodimerization activity; receptor activity; transmembrane signaling receptor act |

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