

TLR9 monoclonal antibody (M01), clone 2D11

Catalog # : H00054106-M01

規格 : [100 ug]

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Specification

Product Description: Mouse monoclonal antibody raised against a partial recombinant TLR9.

Immunogen: TLR9 (AAH32713, 99 a.a. ~ 215 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence: PPVGLSPMHFPCHMTIEPSTFLAVPTLEELNLSYNNIMTVPALPKSLISLSL
SHTNILMLDSASLAGLHALRFLFMDGNCYYKNPCRQALEVAPGALLGLG
NLTHLSLKYNNLTVVP

Host: Mouse

Reactivity: Human

Isotype: IgG1 Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Datasheet:  [Download](#)

Applications

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TLR9 is approximately 3ng/ml as a capture antibody.

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [54106](#)

GeneBank Accession#: [BC032713](#)

Protein Accession#: [AAH32713](#)

Gene Name: TLR9

Gene Alias: CD289

Application Image

Sandwich ELISA (Recombinant protein)

ELISA

Gene toll-like receptor 9

Description:

Omim ID: [605474](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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. The various TLRs exhibit different patterns of expression. This gene is preferentially expressed in immune cell rich tissues, such as spleen, lymph node, bone marrow and peripheral blood leukocytes. 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. [provided by RefSeq]

Other -

Designations:

Gene Pathway

[Toll-like receptor signaling pathway](#)

Related Disease

[Adenocarcinoma](#) [Anemia](#) [Arthritis](#), [Rheumatoid Arthropathy](#), [Neurogenic Aspergillosis](#)
[Aspergillosis](#), [Allergic Bronchopulmonary Asthma](#) [Asthma](#) [Atherosclerosis](#) [Atherosclerosis](#)
[Behcet Syndrome](#) [Birth Weight](#) [Breast Neoplasms](#) [Bronchial Hyperreactivity](#)
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