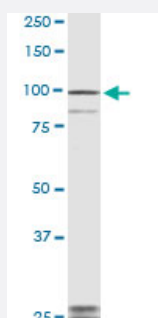


TLR9 monoclonal antibody (M04), clone 3B7

Catalog # H00054106-M04

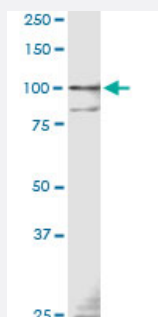
Size 100 ug

Applications



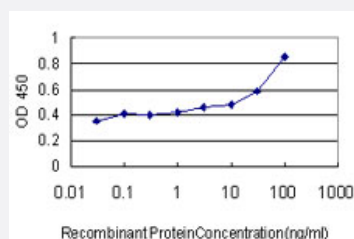
Western Blot (Cell lysate)

TLR9 monoclonal antibody (M04), clone 3B7 Western Blot analysis of TLR9 expression in NIH/3T3 (Cat # L018V1).



Western Blot (Cell lysate)

TLR9 monoclonal antibody (M04), clone 3B7 Western Blot analysis of TLR9 expression in IMR-32 (Cat # L008V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TLR9 is approximately 0.03ng/ml as a capture antibody.

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	PPVGLSPMHFPCHMTIEPSTFLAVPTLEELNLSYNNIMTVPALPKSLISLSLSHTNILMLDSASLAGLHALRFLFMDGNCYYKNPCRQALEVAPGALLGLGNLTHLSLKYNNTLVVP
Host	Mouse
Reactivity	Human, Mouse
Isotype	IgG2a 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.

Applications

- Western Blot (Cell lysate)

TLR9 monoclonal antibody (M04), clone 3B7 Western Blot analysis of TLR9 expression in NIH/3T3 (Cat # L018V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

TLR9 monoclonal antibody (M04), clone 3B7 Western Blot analysis of TLR9 expression in IMR-32 (Cat # L008V1).

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TLR9 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — TLR9

Entrez GeneID	54106
GeneBank Accession#	BC032713
Protein Accession#	AAH32713

Gene Name	TLR9
Gene Alias	CD289
Gene Description	toll-like receptor 9
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	-

Pathway

- [Toll-like receptor signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Anemia](#)
- [Arthritis](#)
- [Arthropathy](#)
- [Aspergillosis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Behcet Syndrome](#)
- [Birth Weight](#)
- [Breast Neoplasms](#)

- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)
- [Bronchiolitis Obliterans](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Chagas Cardiomyopathy](#)
- [Chorioamnionitis](#)
- [Chronic Disease](#)
- [Chronic Periodontitis](#)
- [Colitis](#)
- [Common Variable Immunodeficiency](#)
- [Connective Tissue Diseases](#)
- [Coronary Artery Disease](#)
- [Crohn Disease](#)
- [Cytomegalovirus Infections](#)
- [Dermatitis](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Eczema](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Fetal Diseases](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)

- [Graves Ophthalmopathy](#)
- [Helicobacter Infections](#)
- [Hematologic Neoplasms](#)
- [Hemochromatosis](#)
- [Hemorrhagic Fever](#)
- [Hepatitis C](#)
- [HIV Infections](#)
- [Hodgkin Disease](#)
- [Hypersensitivity](#)
- [Immunodeficiency with hyper-IgM](#)
- [Infant](#)
- [Infection](#)
- [Inflammation](#)
- [Inflammatory Bowel Diseases](#)
- [Leukemia](#)
- [Liver Cirrhosis](#)
- [Lung Diseases](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lupus Nephritis](#)
- [Lymphoma](#)
- [Malaria](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Multiple Sclerosis](#)
- [Musculoskeletal Diseases](#)

- [Mycobacterium Infections](#)
- [Mycoses](#)
- [Obstetric Labor](#)
- [Parasitemia](#)
- [Pneumonia](#)
- [Pouchitis](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puerperal Disorders](#)
- [Pulmonary Disease](#)
- [Recurrence](#)
- [Respiratory Sounds](#)
- [Respiratory Syncytial Virus Infections](#)
- [Rhinitis](#)
- [Sarcoidosis](#)
- [Schizophrenia](#)
- [Sepsis](#)
- [Skin Diseases](#)
- [Stomach Neoplasms](#)
- [Streptococcal Infections](#)
- [Tuberculosis](#)
- [Virus Diseases](#)