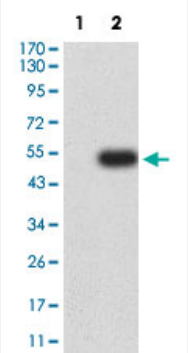
TLR3 monoclonal antibody, clone 6F3G4

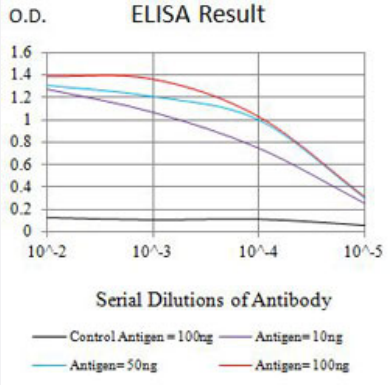
Catalog # MAB21479 Size 100 ug

Applications



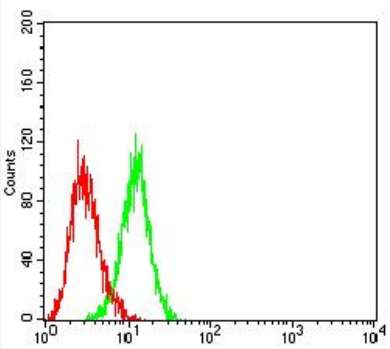
Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: TLR3-hIgGFc transfected HEK293 cell lysates with TLR3 monoclonal antibody, clone 6F3G4 (Cat # MAB21479).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis with TLR3 monoclonal antibody, clone 6F3G4 (Cat # MAB21479).



Flow Cytometry

Flow cytometric analysis of HL-60 cells with TLR3 monoclonal antibody, clone 6F3G4 (Cat # MAB21479) (Green). Red: Negative Control.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human TLR3.
Immunogen	Recombinant protein corresponding to amino acids 24-217 of human TLR3.
Host	Mouse
Theoretical MW (kDa)	103.8
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry (1:200-1:400) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

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- Enzyme-linked Immunoabsorbent Assay

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Gene Info — TLR3

Entrez GeneID	7098
Protein Accession#	O15455

Gene Name	TLR3
Gene Alias	CD283
Gene Description	toll-like receptor 3
Omim ID	603029
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 receptor is most abundantly expressed in placenta and pancreas, and is restricted to the dendritic subpopulation of the leukocytes. It recognizes dsRNA associated with viral infection, and induces the activation of NF-kappaB and the production of type I interferons. It may thus play a role in host defense against viruses. Use of alternative polyadenylation sites to generate different length transcripts has been noted for this gene. [provided by RefSeq
Other Designations	-

Pathway

- Toll-like receptor signaling pathway

Disease

- Arthritis
- Aspergillosis
- Asthma
- Birth Weight
- Breast Neoplasms
- Bronchiolitis
- Bronchiolitis Obliterans
- Cardiomyopathy
- Cardiovascular Diseases

- Chorioamnionitis
- Choroidal Neovascularization
- Chronic Disease
- Connective Tissue Diseases
- Coxsackievirus Infections
- Diabetes Mellitus
- Disease Progression
- Epidermal Necrolysis
- Eye Diseases
- Fetal Diseases
- Fetal Membranes
- Genetic Predisposition to Disease
- Geographic Atrophy
- Glioblastoma
- Glioma
- Hepatitis C
- HIV Infections
- Hodgkin Disease
- Hypersensitivity
- Infant
- Infection
- Inflammation
- Kidney Failure
- Leukemia
- Macular Degeneration

- Meningeal Neoplasms
- Meningioma
- Multiple Sclerosis
- Musculoskeletal Diseases
- Myocarditis
- Nasopharyngeal Neoplasms
- Obstetric Labor
- Pre-Eclampsia
- Pregnancy Complications
- Premature Birth
- Prostate cancer
- Prostatic Neoplasms
- Respiratory Syncytial Virus Infections
- Skin Diseases
- Stevens-Johnson Syndrome
- Subacute Sclerosing Panencephalitis
- Virus Diseases