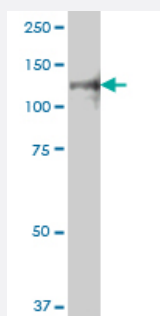


TLR7 monoclonal antibody (M07), clone 4G6

Catalog # H00051284-M07

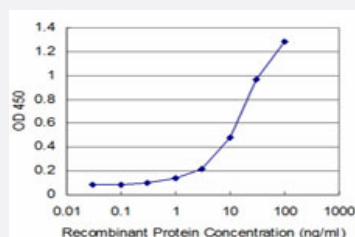
Size 100 ug

Applications



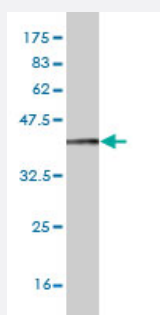
Western Blot (Cell lysate)

TLR7 monoclonal antibody (M07), clone 4G6. Western Blot analysis of TLR7 expression in Daoy.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TLR7 is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 kDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant TLR7.

Immunogen	TLR7 (NP_057646, 27 a.a. ~ 126 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	ARWFPKTLPCDVTLDVPKNHVVDCTDKHLTEIPGGIPTNTTNLTLTINHIPDISPASFHRLDHLVEID FRCNCVPIPLGSKNNMCIKRLQIKPRSFSGL
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
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)

TLR7 monoclonal antibody (M07), clone 4G6. Western Blot analysis of TLR7 expression in Daoy.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TLR7 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — TLR7

Entrez GeneID	51284
GeneBank Accession#	NM_016562
Protein Accession#	NP_057646

Gene Name	TLR7
Gene Alias	-
Gene Description	toll-like receptor 7
Omim ID	300365
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 predominantly expressed in lung, placenta, and spleen, and lies in close proximity to another family member, TLR8, on chromosome X. [provided by RefSeq]
Other Designations	OTTHUMP00000022919

Pathway

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

Disease

- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Bronchiolitis](#)
- [Bronchiolitis Obliterans](#)
- [Calcinosis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Connective Tissue Diseases](#)
- [Coronary Artery Disease](#)

- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Fetal Diseases](#)
- [Genetic Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [HIV Infections](#)
- [Hodgkin Disease](#)
- [Infant](#)
- [Infection](#)
- [Inflammation](#)
- [Liver Cirrhosis](#)
- [Lupus Erythematosus](#)
- [Macular Degeneration](#)
- [Melanoma](#)
- [Multiple Sclerosis](#)
- [Musculoskeletal Diseases](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Respiratory Syncytial Virus Infections](#)
- [Skin Diseases](#)
- [Skin Neoplasms](#)
- [Virus Diseases](#)