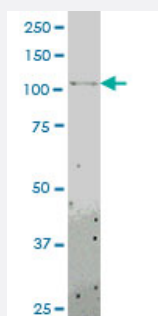


TLR8 monoclonal antibody (M01), clone 4C6

Catalog # H00051311-M01

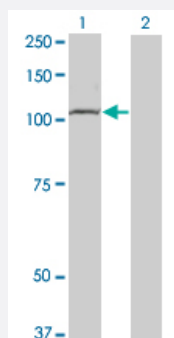
Size 100 ug

Applications



Western Blot (Cell lysate)

TLR8 monoclonal antibody (M01), clone 4C6 Western Blot analysis of TLR8 expression in HL-60 (Cat # L014V1).



Western Blot (Transfected lysate)

Western Blot analysis of TLR8 expression in transfected 293T cell line by TLR8 monoclonal antibody (M01), clone 4C6.

Lane 1: TLR8 transfected lysate(121.764 KDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (37.33 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant TLR8.

Immunogen	TLR8 (NP_619542, 723 a.a. ~ 825 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	RISHLP SGFLSEVSSLKHLDLSSNLLKTINKSALETKTTTKLSMLELHGPNPFECTCDIGDFRRWMD EHLNVKIPRLVDVICASPGDQRGKSMVSELTTCVSD
Host	Mouse
Reactivity	Human
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.33 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)

TLR8 monoclonal antibody (M01), clone 4C6 Western Blot analysis of TLR8 expression in HL-60 (Cat # L014V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of TLR8 expression in transfected 293T cell line by TLR8 monoclonal antibody (M01), clone 4C6.

Lane 1: TLR8 transfected lysate(121.764 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — TLR8

Entrez GeneID [51311](#)

GeneBank Accession# [NM_138636](#)

Protein Accession#	NP_619542
Gene Name	TLR8
Gene Alias	CD288, MGC119599, MGC119600
Gene Description	toll-like receptor 8
Omim ID	300366
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 and peripheral blood leukocytes, and lies in close proximity to another family member, TLR7, on chromosome X. [provided by RefSeq]
Other Designations	OTTHUMP00000022930

Publication Reference

- [Phagosomal signaling by Borrelia burgdorferi in human monocytes involves Toll-like receptor \(TLR\) 2 and TLR8 cooperativity and TLR8-mediated induction of IFN- \$\beta\$.](#)

Cervantes JL, Dunham-Ems SM, La Vake CJ, Petzke MM, Sahay B, Sellati TJ, Radolf JD, Salazar JC.

Proceedings of the National Academy of Sciences of the United States of America 2011 Mar; 108(9):3683.

Application: WB, Human, Monocyte

Pathway

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

Disease

- [Arthritis](#)
- [Asthma](#)
- [Bronchiolitis](#)

- [Bronchiolitis Obliterans](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Connective Tissue Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Fetal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Hemorrhagic Fever](#)
- [HIV Infections](#)
- [Hodgkin Disease](#)
- [Infant](#)
- [Infection](#)
- [Inflammation](#)
- [Melanoma](#)
- [Multiple Sclerosis](#)
- [Musculoskeletal Diseases](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Respiratory Syncytial Virus Infections](#)
- [Skin Diseases](#)
- [Skin Neoplasms](#)

- [Tuberculosis](#)
- [Virus Diseases](#)