

TLR8 monoclonal antibody (M04), clone 1E6

Catalog # H00051311-M04

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant TLR8.
Immunogen	TLR8 (NP_619542, 723 a.a. ~ 825 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	RISHLPSGFLSEVSSLKHLDLSSNLLKTINKSALETKTTTKLSMLELHGNPFECTCDIGDFRRWMD EHLNVKIPRLVDVICASPGDQQRGKSMSLELTTCVSD
Host	Mouse
Reactivity	Human
Isotype	IgG2b 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

- 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

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](#)