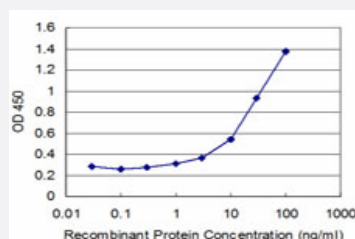


TLR6 monoclonal antibody (M12), clone 2F12

Catalog # H00010333-M12

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TLR6 is approximately 1ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant TLR6.
Immunogen	TLR6 (NP_006059, 301 a.a. ~ 430 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	kttlkaltie hitnqvflfs qtalytvfse mnimmltisd tpfihmlcph apstfkflnf tqnvftdsif ekcstlvkle tllqknglk dlfkvglmk dmpsleildv swnslesgrh kenctwvesi
Host	Mouse
Reactivity	Human
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

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TLR6 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — TLR6

Entrez GeneID	10333
---------------	-----------------------

GeneBank Accession#	NM_006068
---------------------	---------------------------

Protein Accession#	NP_006059
--------------------	---------------------------

Gene Name	TLR6
-----------	------

Gene Alias	CD286
------------	-------

Gene Description	toll-like receptor 6
------------------	----------------------

Omim ID	605403
---------	------------------------

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 functionally interacts with toll-like receptor 2 to mediate cellular response to bacterial lipoproteins. [provided by RefSeq]
--------------	--

Other Designations	OTTHUMP00000158730
--------------------	--------------------

Pathway

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

Disease

- [Adenocarcinoma](#)
- [Arthritis](#)
- [Aspergillosis](#)
- [Asthma](#)
- [Birth Weight](#)
- [Breast Neoplasms](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)
- [Bronchiolitis Obliterans](#)
- [Chorioamnionitis](#)
- [Chronic Disease](#)
- [Colitis](#)
- [Crohn Disease](#)
- [Cystitis](#)
- [Dermatitis](#)
- [Esophageal Neoplasms](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Hypersensitivity](#)
- [Hypertension](#)

- [Infant](#)
- [Inflammation](#)
- [Inflammatory Bowel Diseases](#)
- [Leukemia](#)
- [Lung Diseases](#)
- [Lyme Disease](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Malaria](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Multiple Myeloma](#)
- [Multiple Sclerosis](#)
- [Obstetric Labor](#)
- [Occupational Diseases](#)
- [Parasitemia](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puerperal Disorders](#)
- [Pulmonary Disease](#)
- [Pyelonephritis](#)
- [Respiratory Syncytial Virus Infections](#)
- [Rhinitis](#)

- [Sepsis](#)
- [Streptococcal Infections](#)
- [Tuberculosis](#)
- [Urinary Tract Infections](#)
- [Vaginosis](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)