

RecomAb™

TIRAP recombinant monoclonal antibody, clone R09-5Z2

Catalog # RAB05604 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human TIRAP.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against corresponding to human TIRAP.
Theoretical MW (kDa)	Calculated MW: 24 kD
Reactivity	Human, Mouse, Rat
Form	Liquid
Isotype	IgG
Recommend Usage	Western Blot (1/500-1/1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol and 0.02% 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 should be handled by trained staff only.

Applications

- Western Blot

Gene Info — TIRAP

Entrez GeneID [114609](#)

Gene Name	TIRAP
Gene Alias	FLJ42305, Mal, wyatt
Gene Description	toll-interleukin 1 receptor (TIR) domain containing adaptor protein
Omim ID	606252 607948 610799 611162
Gene Ontology	Hyperlink
Gene Summary	The innate immune system recognizes microbial pathogens through Toll-like receptors (TLRs), which identify pathogen-associated molecular patterns. Different TLRs recognize different pathogen-associated molecular patterns and all TLRs have a Toll-interleukin 1 receptor (TIR) domain, which is responsible for signal transduction. The protein encoded by this gene is a TIR adaptor protein involved in the TLR4 signaling pathway of the immune system. It activates NF-kappa-B, MAPK1, MAPK3 and JNK, which then results in cytokine secretion and the inflammatory response. Alternative splicing of this gene results in several transcript variants; however, not all variants have been fully described. [provided by RefSeq]
Other Designations	MyD88 adapter-like protein OTTHUMP00000179130 OTTHUMP00000179132 TIR domain-containing adapter protein TIR domain-containing adaptor protein Toll-interleukin 1 receptor (TIR) domain-containing adapter protein Toll-interleukin 1 receptor (TIR) domain-containing

Pathway

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

Disease

- [Acute Lung Injury](#)
- [Bacteriuria](#)
- [Candidiasis](#)
- [Cardiovascular Diseases](#)
- [Chagas Cardiomyopathy](#)
- [Chronic Disease](#)
- [Cross Infection](#)
- [Cystitis](#)
- [Dermatitis](#)

- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Inflammation](#)
- [Leprosy](#)
- [Lupus Erythematosus](#)
- [Malaria](#)
- [Pneumonia](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Pyelonephritis](#)
- [Respiratory Distress Syndrome](#)
- [Sepsis](#)
- [Tuberculosis](#)
- [Urinary Tract Infections](#)