Product datasheet for TA336468

TIRAP Mouse Monoclonal Antibody [Clone ID: 20D1055.1]
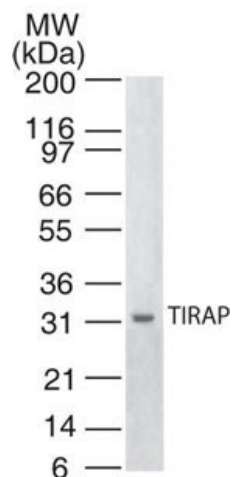
Product data:

Product Type:	Primary Antibodies
Clone Name:	20D1055.1
Applications:	WB
Recommend Dilution:	WB: 1:500-1:1000
Reactivity:	Human
Host:	Mouse
Isotype:	IgM, kappa
Clonality:	Monoclonal
Immunogen:	This antibody was developed against a synthetic peptide corresponding to a portion of human TIRAP.
Formulation:	Preservative: 0.05% Sodium Azide. Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Concentration:	This product is unpurified. The exact concentration of antibody is not quantifiable.
Purification:	Ascites
Gene Name:	toll-interleukin 1 receptor (TIR) domain containing adaptor protein
Database Link:	NP_001034750 Entrez Gene 114609 Human
Background:	The Toll-like receptor (TLR) family in mammal comprises a family of transmembrane proteins characterized by multiple copies of leucine rich repeats in the extracellular domain and IL-1 receptor motif in the cytoplasmic domain. Like its counterparts in Drosophila, TLRs signal through adaptor molecules (1). The TLR family is a phylogenetically conserved mediator of innate immunity that is essential for microbial recognition (2). Ten human homologs of TLRs (TLR1-10) have been described (3). TIRAP (TIR domain-containing adaptor protein) is an adaptor protein used by TLR4. Blocking TIRAP inhibits TLR4-mediated signaling events, including DC maturation and cytokine production (4). It has 235 amino acids and is commonly seen as a 32-37 kD protein (4).
Synonyms:	BACTS1; Mal; MyD88-2; wyatt
Protein Families:	Druggable Genome
Protein Pathways:	Toll-like receptor signaling pathway

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Product images:

Western Blot: TIRAP (TLR2 and TLR4) Antibody (20D1055.1) TA336468 - analysis of TIRAP in human spleen lysate using this antibody.