

## Product datasheet for **DM3601P**

### Tlr2 (Extracell. Dom.) Rat Monoclonal Antibody [Clone ID: 5B57]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	5B57
Applications:	WB
Recommended Dilution:	Western Blot: 1/500 - 1/1000.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2
Clonality:	Monoclonal
Immunogen:	Recombinant TLR2 extracellular domain
Specificity:	This antibody detects of TLR2, but not TLR1.
Formulation:	State: Purified State: Lyophilized purified Ig
Reconstitution Method:	Restore with 200µl sterile PBS and the final concentration is 500µg/ml.
Purification:	Protein A/G affinity chromatography
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at -70°C. Following reconstitution store the antibody (in aliquots) at -20°C for 6 month. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	toll-like receptor 2
Database Link:	<a href="#">Entrez Gene 24088 Mouse</a> <a href="#">Q9QUN7</a>



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**Background:**

TLR2 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 recognise 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 expressed most abundantly in peripheral blood leukocytes, and mediates host response to Gram positive bacteria and yeast via stimulation of NF kappaB.

**Synonyms:**

Toll-like receptor 2