

Product datasheet for **TA386341**

TLR2 Rabbit Monoclonal Antibody [Clone ID: TL2.1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	TL2.1
Applications:	BI, FC, IF, IP, WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG, kappa
Clonality:	Monoclonal
Immunogen:	This antibody was raised by immunising BALB/c mice with CHO cells transfected with human TLR2 cDNA.

Specificity: This antibody is specific to TLR2 (extracellular domain) and does not crossreact with human TLR1 or TLR4. TLR2 is involved in the immunological response against bacterial lipoproteins and other microbial cell wall components.

TL2.1 antibody has been reported as an effective inhibitor of TLR2-dependent cytokine production and might be used to control and manipulate signalling pathways related to TLR2 (Flo et al., 2000). This antibody has also been extensively used in flow cytometry and TL2.1 is recommended for the use in flow cytometric investigation of TLR2 expression (Jamin et al., 2015; Wang et al., 2016). For instance, one group treated dendritic cells with azithromycin and observed that this substance suppressed TLR2 expression detected via flow cytometry (Lin et al., 2016). Finally, this antibody has been successfully applied in immunofluorescence analysis of TLR2 expression in various cells. One group utilised TL2.1 antibody to investigate TLR2 expression (among others pathogen-related receptors) on SRIK-NKL cells. CD8+ NK/T cell line (Srivastava and Srivastava, 2005).

Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.



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Gene Name: toll like receptor 2

Database Link: [Entrez Gene 7097 Human](#)
[O60603](#)

Synonyms: CD282; TIL4

Note: This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG2a format, for improved compatibility with existing reagents, assays and techniques.