

## Product Datasheet

### TLR2 antibody (orb758896)

## Description

Mouse monoclonal antibody to TLR2

<b>Species/Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	Blocking, FC, IF, IP, WB
<b>Immunogen</b>	This antibody was raised by immunising BALB/c mice with CHO cells transfected with human TLR2 cDNA.
<b>Target</b>	TLR2
<b>Preservatives</b>	PBS with 0.02% Proclin 300.
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.
<b>Note</b>	For research use only
<b>Application notes</b>	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).
<b>Isotype</b>	IgG2a
<b>Clonality</b>	Monoclonal
<b>Purity</b>	Purified
<b>Uniprot ID</b>	<a href="#">O60603</a>
<b>Expiration Date</b>	12 months from date of receipt.