

## Product datasheet for **AM01317RP-N**

### TLR2 Mouse Monoclonal Antibody [Clone ID: 11G7]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	11G7
Applications:	FC
Recommended Dilution:	<b>Immunoprecipitation.</b> <b>Flow Cytometry:</b> Use 10 µl of the suggested working dilution to label 1x10 <sup>6</sup> cells in 100 µl. (1/100-1/200).
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody recognises the Toll-like receptor 2 (TLR2). Antibody 11G7 has been reported to block IL-6 cytokine production in response to ara-lipoarabinomannan (araLAM) and tripalmitoyl cysteinyl lipopeptide (Pam3CSK4) (1). 11G7 does not inhibit the production of cytokines induced by zymosan stimulation.
Formulation:	PBS, pH 7.4 Label: PE State: Lyophilized purified IgG fraction from tissue culture supernatant Stabilizer: 1% BSA, 5% Sucrose Preservative: 0.09% Sodium Azide Label: R. Phycoerythrin (RPE)
Reconstitution Method:	Restore in 1 ml distilled water
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	PE
Storage:	Prior to and following reconstitution store undiluted at 2-8°C. <b>DO NOT FREEZE!</b> This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.



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<b>Gene Name:</b>	toll like receptor 2
<b>Database Link:</b>	<a href="#">Entrez Gene 7097 Human O60603</a>
<b>Background:</b>	TLR2 is a 90kD type 1 transmembrane protein that is primarily expressed by peripheral blood monocytes. TLR2, also known as CD282, is reported to respond to a diverse range of bacterial cell wall components, mediating the innate immune response in co-operation with MD-2.
<b>Synonyms:</b>	Toll-like receptor 2