

Product datasheet for **AM01317FC-N**

TLR2 Mouse Monoclonal Antibody [Clone ID: 11G7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	11G7
Applications:	FC
Recommended Dilution:	Flow cytometry (Neat - 1/10): use 10 µl of the suggested working dilution to label 1x10 ⁶ cells in 100 µl.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody recognises the Toll-like receptor 2 (TLR2).
Formulation:	PBS, pH 7.4 containing 0.09% Sodium Azide and 1% Bovine Serum Albumin Label: FITC State: Liquid purified Ig Label: Fluorescein Isothiocyanate Isomer 1
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	FITC
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	toll like receptor 2
Database Link:	Entrez Gene 7097 Human O60603
Background:	TRL2 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.
Synonyms:	Toll-like receptor 2



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Note: Antibody 11G7 has been reported to block IL-6 cytokine production in response to ara-lipoarabinomannan (araLAM) and tripalmitoyl cysteinyl lipopeptide (Pam3CSK4). 11G7 does not inhibit the production of cytokines induced by zymosan stimulation. We recommend the use of AM01317LE-N for functional studies.