

Monoclonal Antibody to CD282 / TLR2 - FITC

Alternate names:	Toll-like receptor 2
Catalog No.:	AM01317FC-N
Quantity:	0.1 mg
Concentration:	0.1 mg/ml
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.
Uniprot ID:	O60603
NCBI:	9606
Host / Isotype:	Mouse / IgG1
Clone:	11G7
Format:	State: Liquid purified Ig Purification: Affinity chromatography on Protein G Buffer System: PBS, pH 7.4 containing 0.09% Sodium Azide and 1% Bovine Serum Albumin Label: FITC – Fluorescein Isothiocyanate Isomer 1
Applications:	Flow cytometry (Neat - 1/10): use 10 µl of the suggested working dilution to label 1x10e6 cells in 100 µl. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises the Toll-like receptor 2 (TLR2). Species: Human. Other species not tested.
Add. Information:	Antibody 11G7 has been reported to block IL-6 cytokine production in response to arabinomannan (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.
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. Shelf life: one year from despatch.
General Readings:	1. Sandor F, Latz E, Re F, Mandell L, Repik G, Golenbock DT, et al. Importance of extra- and intracellular domains of TLR1 and TLR2 in NFkappa B signaling. J Cell Biol. 2003 Sep 15;162(6):1099-110. PubMed PMID: 12975352.

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com

