

Rat CD169 Monoclonal Antibody | anti-CD169 antibody

Rat Anti Mouse CD169: RPE

CATALOG # AAA12262	HOST Rat	APPLICATIONS Flow Cytometry, Functional Assay
------------------------------	--------------------	---

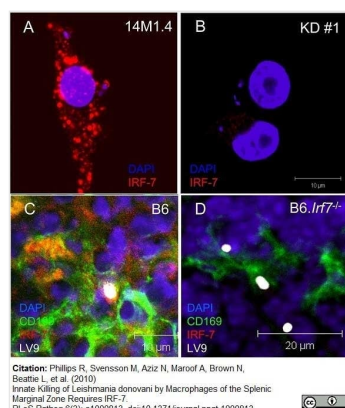
PRODUCT SYNONYMS

CD169; Monoclonal Antibody; Rat Anti Mouse CD169: RPE; anti-CD169 antibody

PRODUCT SPECIFICATIONS

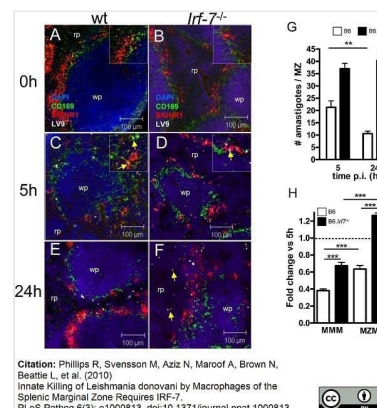
Host	Rat
Clonality	Monoclonal
Applicable Applications for anti-CD169 antibody	FCM/FACS (Flow Cytometry)
Source	Mouse
Conjugation	RPE

IMAGES



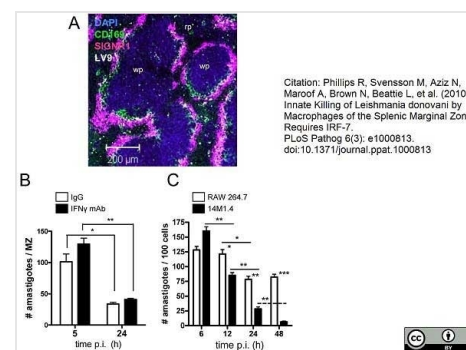
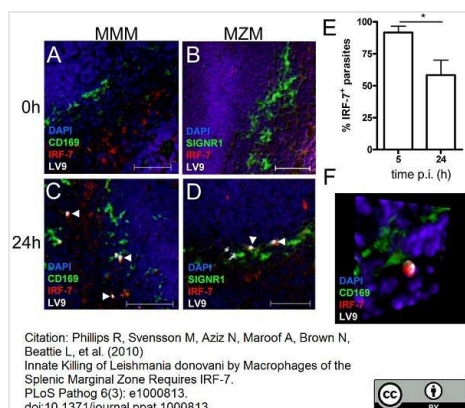
Application Data

Published customer image: Rat anti Mouse CD169 antibody, clone 3D6.112 used for the detection of sialoadhesin in mouse spleen by immunofluorescence. Image caption: Specificity of IRF-7 polyclonal antibody. (A, B) 14M1.4 cells (A) and knockdown line KD#1 (B) were infected with *L. donovani* and stained at 24h for IRF-7. (C, D) *L. donovani* infected B6 mice (C) and B6.Irf7^{-/-} mice (D) were infected for 5h and then stained for IRF-7. No phagosomal staining of IRF-7 was observed in KD#1 or in B6.Irf7^{-/-} mice, confirming that this antibody does not cross react with Leishmania components. From: Phillips R, Svensson M, Aziz N, Maroof A, Brown N, et al. (2010) Innate Killing of Leishmania donovani by Macrophages of the Splenic Marginal Zone Requires IRF-7. PLoS Pathog 6(3): e1000813.



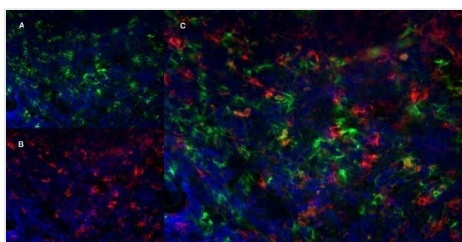
Application Data

Published customer image: Rat anti Mouse CD169 antibody, clone 3D6.112 used for the detection of sialoadhesin in mouse spleen by immunofluorescence. Image caption: Irf7^{-/-} MZM and MZM are defective in anti-leishmanial activity. (A-F) Parasite localization in wild type and Irf7^{-/-} mice. Spleens from naive C57BL/6 (A) and Irf7^{-/-} (B) mice and C57BL/6 (C, E) and Irf7^{-/-} (D, F) mice infected with *L. donovani* for 5h or 24h, were stained for CD169 (green), SIGNR1 (red), Leishmania (white) and counterstained with DAPI (blue). Higher magnification inserts show localization of amastigotes (arrowed). (G) Parasite load in the MZ of C57BL/6 mice (open bars) and B6.Irf7^{-/-} mice (black bars) was determined by counting the number of parasites per MZ area. *, p



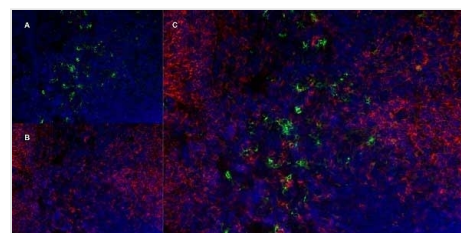
Application Data

Published customer image: Rat anti Mouse CD169 antibody, clone 3D6.112 used for the detection of sialoadhesin in mouse spleen by immunofluorescence. Image caption: Splenic marginal zone macrophages and marginal metallophilic macrophages control *L. donovani* by an IFN-gamma independent mechanism. (A) *L. donovani* amastigotes are found predominantly in MMM and MZM after intravenous injection (purple, SIGNR1; green CD169; white, *L. donovani*; blue DAPI). (B) C57BL/6 mice were treated with 0.5mg XMG 1.6 anti-IFN-gamma IgG (black bars) or control IgG (open bars) and 2h later infected with *L. donovani*. At 5h and 24h p.i., the number of parasites per MZ area was determined. (C) 14M1.4 cells (black bars) and RAW 264.7 cells (open bars) were infected with *L. donovani* (MOI 10:1) and at indicated times p.i., parasite numbers per 100 macrophages were determined by fluorescence microscopy. *, p



IF (Immunofluorescence)

Immunofluorescence staining of mouse lymph node cryosection with Rat anti Mouse CD169 antibody clone 3D6.112, green in A and Rat anti Mouse CD8 antibody, clone YTS105.18, red in B. C is the merged image with nuclei counterstained blue using DAPI. High power



IF (Immunofluorescence)

Immunofluorescence staining of mouse lymph node cryosection with Rat anti Mouse CD169 antibody clone 3D6.112, green in A and Rat anti Mouse CD8 antibody, clone YTS105.18, red in B. C is the merged image with nuclei counterstained blue using DAPI. Low power

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd169-antibody-flow-cytometry-elisa/12262>