

Mouse CD169 Monoclonal Antibody | anti-CD169 antibody

MOUSE ANTI RAT CD169

CATALOG # AAA11973	HOST Mouse	APPLICATIONS Immunohistochemistry, Flow Cytometry, Functional Assay, Immunofluorescence, Immunoprecipitation
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PRODUCT SYNONYMS

CD169; Monoclonal Antibody; MOUSE ANTI RAT CD169; anti-CD169 antibody

PRODUCT SPECIFICATIONS

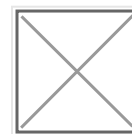
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	ED3
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 0.5 mg/ml (varies by lot)
Applicable Applications for anti-CD169 antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IP (Immunoprecipitation)
Application Notes	Flow Cytometry: Use 10ul of the suggested working dilution to label 106 cells in 100ul. Immunohistology - Frozen: Minimum Dilution: 1/50; Maximum Dilution: 1/250 Flow Cytometry: Maximum Dilution: 1/500
Perservative Stabilisers	0.09% Sodium Azide Preparation
Buffer Solution	Phosphate buffered saline
Target Species	Rat
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data

Immunoperoxidase staining of rat lymph node cryosection with Mouse anti Rat CD169, clone ED3 followed by horseradish peroxidase conjugated Goat anti Mouse IgG2a as a detection reagent. High power



Application Data

Frozen rat spleen stained with Mouse anti Rat CD169 followed by Goat anti Mouse IgG:HRP (Rat Adsorbed, Data



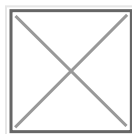
Application Data

Immunofluorescence staining of rat lymph node cryosection with Mouse anti Rat CD169, clone ED3, red in A and Mouse anti Rat CD4, clone W3/25, green in B. C is the merged image with nuclei counter-stained blue using DAPI. Medium power



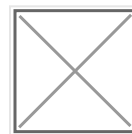
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Published customer image: Systemically administered liposomes home primarily to splenic marginal zone and red pulp macrophages. (a,b) Healthy rats were injected with 5 mg/kg Dil-labeled PCLs and PSLs. Splenic cryosections were stained with CD169 (a, marginal metallophilic and marginal zone macrophages) and CD68 (b, red pulp macrophages). One representative experiment is shown (20x magnification). From: Bogie JF, Jorissen W, Mailleux J, Nijland PG, Zelcer N, Vanmierlo T, Van Horssen J, Stinissen P, Hellings N, Hendriks JJ. Myelin alters the inflammatory phenotype of macrophages by activating PPARs. Acta Neuropathol Commun. 2013 Aug 2;1(1):43.

ADDITIONAL INFORMATION

Related Product Information for anti-CD169 antibody

Mouse anti rat CD169 antibody, clone ED3 recognises the rat CD169 cell surface antigen, a 185kD molecule expressed by macrophages, predominately confined to lymphoid organs only. Monocytes and granulocytes are negative. No other cell types are positive. The most conspicuous property of ED3 is it stains marginal zone macrophages and marginal metallophilic cells in the spleen very strongly. Furthermore, macrophages in (auto-immune) diseased tissues express the ED3 antigen. In healthy tissue no expression occurs. CD169 is a receptor for glycoconjugates containing sialic acid.

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd169-antibody-clone-ed3-immunohistochemistry-flow-cytometry-immunofluorescence-immunoprecipitation-elisa/11973>