

CD11c recombinant antibody

Anti-CD11c [OX-42], Mouse IgG2a, kappa

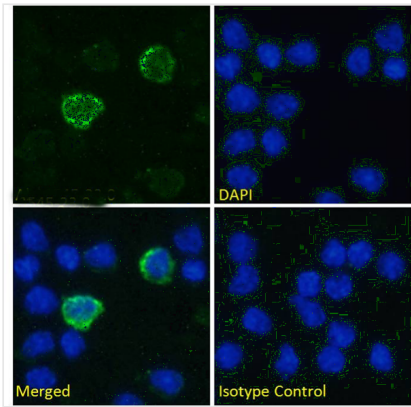
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA72442	Mouse	Rat	Immunoprecipitation, Immunohistochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD11c; Monoclonal Recombinant Antibody; Anti-CD11c [OX-42]; Mouse IgG2a; kappa; iC3b receptor; Integrin alpha X; complement component 3 receptor 4 subunit; ITGAX; CD11c recombinant antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Rat
Clonality	Monoclonal
Isotype	Mouse IgG2a kappa
Clone Number	OX-42
Specificity	This antibody recognizes rat CD11c, the receptor for iC3 strongly expressed on macrophages.
Purity/Purification	Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Applicable Applications for CD11c recombinant antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Chimeric Use Statement	This reformatted mouse antibody was made using the variable domain sequences of the original Mouse IgG2a format, for improved compatibility with existing reagents, assays and techniques.
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.



FCM/FACS (Flow Cytometry) using anti-CD11c (Integral alpha) antibody (OX-42) (B, AAA72442) at a concentration of 10 µg/ml for 1 h followed by Alexa Fluor 488 secondary antibody (1 µg/ml), showing membrane staining in a subset of cells. The isotype control was stained with an anti-Fluorescein antibody followed by Alexa Fluor 488 secondary antibody.

IF (Immunofluorescence)
Immunofluorescence staining of fixed rat splenocyte cells with anti-CD11c (Integral alpha) antibody OX-42 (AAA72442). Immunofluorescence analysis of paraformaldehyde fixed rat (Rattus norvegicus) splenocyte cells on Shifox coverslips, permeabilized with 0.15% Triton, stained with the chimeric rabbit version of OX-42 (AAA72442) at 10 µg/ml for 1 h followed by Alexa Fluor 488 secondary antibody (1 µg/ml), showing membrane staining in a subset of cells. The nuclei are stained DAPI (blue). Panels show from left to right, top to bottom AAA72442, DAPI, merged channels and an isotype control. The isotype control was stained with an anti-Fluorescein antibody followed by Alexa Fluor 488 secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for CD11c recombinant antibody	Resident peritoneal cells from F1 hybrids between PVG-RT1c and PVG-RTu and between PVG-RT1c and DA-RT1a rats.
References	Robinson, White, Mason Macrophage heterogeneity in the rat as delineated by two monoclonal antibodies MRC OX-41 and MRC OX-42, the latter recognizing complement receptor type 3. 1986 Immunology 57:239 N/A3512425 Note on publication: Describes the generation and characterisation of this antibody.

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/cd11c-recombinant-antibody-clone-ox-42-immunoprecipitation-immunohistochemistry-flow-cytometry-elisa/72442>