

Anti-CD11c [OX-42] Standard Size Ab00545-2.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

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.

Isotype and Format: Mouse IgG2a, [Fc Silent™](#), Kappa

Clone Number: OX-42

Alternative Name(s) of Target: iC3b receptor; Integrin alpha X; complement component 3 receptor 4 subunit; ITGAX

UniProt Accession Number of Target Protein:

Published Application(s): IP, FC, IHC

Published Species Reactivity: Rat

Immunogen: Resident peritoneal cells from F1 hybrids between PVG-RT1c and PVG-RTu and between PVG-RT1c and DA-RT1a rats.

Specificity: This antibody recognizes rat CD11c, the receptor for iC3 strongly expressed on macrophages.

Application Notes: The binding of this antibody does not interfere with phagocytosis.

Antibody First Published in: 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 [PMID:3512425](#)

Note on publication: Describes the generation and characterisation of this antibody.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.