

## Anti-CD11c [OX-42] Standard Size Ab00545-8.1

This chimeric rat 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:** Rat IgG2b, 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.