



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Anti-CD200R [OX-102] Standard Size Ab00566-8.1

This chimeric rat antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Rat IgG2b, Kappa

**Clone Number:** OX-102

**Alternative Name(s) of Target:** OX2R; CD200; OX2

**UniProt Accession Number of Target Protein:** Q9ES58

**Published Application(s):** IP, WB, Block, FC, IHC-Fr

**Published Species Reactivity:** Rat

**Immunogen:** 6 week-old male BALB/c mice immunized six times with either 0.1–0.25 mg of a crude Tween-40 membrane fraction solubilized from rat (PVG) thioglycollate-elicited peritoneal cells or unlysed whole cells.

**Specificity:** This antibody is specific for CD200R (OX2R), a cell-surface receptor for OX2 restricted to cells of the myeloid lineage; macrophages isolated from the peritoneal cavity, lung, spleen, and leukocyte dendritic cells are highly positive in OX102 mAb staining tests.

**Application Notes:** This antibody binds the rat OX2 receptor, and thus can be used to stain rat resident peritoneal cells (RPCs), as well as macrophages from the lung, spleen and brain, and leukocyte dendritic cells (Wright, 2000). In addition, this antibody can be used to block the binding of OX2-coated beads to rOX2R on rat macrophages and to human kidney endothelial cells transfected with rOX2R cDNA. This antibody can also be used to purify the rOX2R antigen by immunoprecipitation from rat splenic lysates. Finally, the use of this antibody to block the OX2-OX2R interaction in rats with experimental allergic encephalomyelitis exacerbates the disease, and indicates a role for the OX2-OX2R interaction in the regulation of macrophage/microglia activity in vivo.

**Antibody First Published in:** Wright et al. Lymphoid/neuronal cell surface OX2 glycoprotein recognizes a novel receptor on macrophages implicated in the control of their function. *Immunity*. 2000 Aug;13(2):233-42. [PMID:10981966](#)

**Note on publication:** Describes the original use of this antibody in the molecular characterisation of the rOX2R, in immunoprecipitation and blocking studies.

## 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.