



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
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-CD47 [OX-101] Bulk Size Ab00570-1.1-BT

**Isotype and Format:** Mouse IgG1, Kappa

**Clone Number:** OX-101

**Alternative Name(s) of Target:** OX101; MRC OX-101; MRC OX101; leukocyte surface antigen CD47; integrin-associated protein; intergin associated protein; IAP

**UniProt Accession Number of Target Protein:** P97829

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

**Published Species Reactivity:** Rat

**Immunogen:** OX-101 was prepared by immunizing BALB/c mice with biotinylated rat thymocytes - this antibody was selected from a number of antibodies raised by the immunogen.

**Specificity:** OX-101 binds specifically to CD47 and has been shown to compete with OX-41 for binding . CD47 acts as an adhesion receptor for THBS1 on platelets and is involved in the modulation of integrins (signalling). Acts as a SIRPA receptor - SIRPA binding prevents maturation of immature dendritic cells and inhibits cytokine production by mature dendritic cells. Possibly involved in changes to membrane permeability due to virus infection.

**Application Notes:** This antibody can be used for affinity chromatography purification and can block the interaction between OX41-CD4d3+4 beads and cells. In addition OX-101 can be used for FC and WB.

**Antibody First Published in:** Vernon-Wilson et al CD47 is a ligand for rat macrophage membrane signal regulatory protein SIRP (OX41) and human SIRPalpha 1. Eur J Immunol 30:2130-7 2000 [PMID:9712053](#)

**Note on publication:** Describes the use of OX-101 in identifying CD47 as the ligand for SIRP.

### Product Form

**Size:** 1 mg Purified antibody in bulk size.

**Purification:** Protein A affinity purified

**Supplied In:** PBS only.

**Storage Recommendation:** Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.