



SZABO SCANDIC

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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

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Anti-CD47 [OX-101] Standard Size Ab00570-1.1

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 adhesionn 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 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: 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.