



# 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

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## Anti-SIRP g [OX-119] Bulk Size Ab00589-10.3-BT

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

This chimeric human 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:** Human IgG1, Fc Silent™, Kappa

**Clone Number:** OX-119

**Alternative Name(s) of Target:** OX119; MRC OX-119; MRC OX119; SIRP-g; SIRPg; SIRP gamma; SIRP-gamma; CD172 antigen-like family member B; signal-regulatory protein beta; CD172g; CD172-g

**UniProt Accession Number of Target Protein:** Q9P1W8

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

**Published Species Reactivity:** Human

**Immunogen:** OX-119 was prepared by immunizing BALB/c mice with a chimeric protein made up of human SIRPg and a leader peptide of rat CD4 domain (SIRPg-CD4).

**Specificity:** Hybridoma supernatants were initially screened by ELISA, using SIRPg-CD4, human SIRPa-Fc, human SIRPb-Fc or CD4 to eliminate hybridomas with cross-reactivity to rat CD4, human SIRPa, and SIRPb. There is some marginal binding of OX-119 to SIRPb transfected 293T cells. SIRPg binds CD47. On binding with CD47, mediates cell-cell adhesion. Engagement on T-cells by CD47 on antigen-presenting cells results in enhanced antigen-specific T-cell proliferation and costimulates T-cell activation. Expressed on CD4+ T-cells, CD8+ T-cells, CD56-bright natural killer (NK) cells, CD20+ cells, and all activated NK cells..

**Application Notes:** OX-119 is able to perform staining of peripheral blood myeloid cells (PBMCs) and block SIRPg-mediated apoptosis. OX-119 can also be used in IP, FC and ELISA.

**Antibody First Published in:** Brooke et al Human lymphocytes interact directly with CD47 through a novel member of the signal regulatory protein (SIRP) family. J Immunol 173:2562-70 2004 [PMID:15294972](#)

**Note on publication:** Describes the determination of OX-119 specificity by ELISA, FC and IP and describes use of OX-119 to observe the distribution of SIRPg expression and its ability to block SIRPg-mediated apoptosis.

## 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.