



# 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 Ab00589-10.0-BT

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, 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.