



# 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-CD6 [OX-52] Bulk Size Ab00551-8.4-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 rat antibody was made using the variable domain sequences of the original Mouse IgG2a format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Rat IgG2b, Fc Silent™, Kappa

**Clone Number:** OX-52

**Alternative Name(s) of Target:** OX52; MRC OX-52; MRC OX 52

**UniProt Accession Number of Target Protein:** Q812A4

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

**Published Species Reactivity:** Rat

**Immunogen:** This antibody was prepared by immunizing BALB/c mice intraperitoneally with  $4 \times 10^7$  rat (PVG-RT1c) thoracic duct leucocytes, followed 10 days later by a second injection of  $4 \times 10^7$  PVG-RT1c spleen cells.

**Specificity:** This antibody is specific for rat CD6, which is largely restricted to cells of the T-lymphocyte lineage.

**Application Notes:** This antibody recognizes rat CD6, which is largely restricted to cells of the T-lymphocyte lineage, and, as a result, this antibody can be used to identify such cells in tissues or cell suspensions (Robinson, 1986). In cell suspensions prepared from lymph node, TDL, thymus and spleen, exclusively T cells are labelled. Using the immunoperoxidase technique on cryostat tissue sections, staining is mainly confined to the T-cell areas of the spleen, lymph nodes and Peyer's patches, as well as all thymocytes. However, occasional positive cells have been observed in the B cell areas of lymphoid organs (Robinson, 1986), and consequently this antibody is used in conjunction with other markers, such as OX-19, to identify T cells.

**Antibody First Published in:** Robinson et al. MRC OX-52: A rat T-cell antigen Volume 57, Issue 4, 1986, Pages 527-531 [PMID:2937721](#)

**Note on publication:** Describes the original use of this antibody in preliminary investigations into the nature of its antigen (CD6), and investigates the usefulness of this antibody as a T-cell marker.

## 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.