



# 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-RT1-D [OX-17] Standard Size Ab00582-8.4

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 IgG1 format, for improved compatibility with existing reagents, assays and techniques.

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

**Clone Number:** OX-17

**Alternative Name(s) of Target:** MHC class II RT1D alpha chain antigen; OX17; MRC OX-17; MRC OX17

**UniProt Accession Number of Target Protein:** O98172

**Published Application(s):** Depletion, IP, WB, FC, IF

**Published Species Reactivity:** Rat

**Immunogen:** OX-17 was generated using BALB/c mice raised against rat spleen glycoproteins depleted of the Ia-A antigen using an OX-6 immunoaffinity column.

**Specificity:** The OX-17 antigenic determinant is isotypic and on the alpha chain. OX-17 labels B but not T cells from lymph node or thoracic duct lymph but very weakly labels thymocytes and does not label erythrocytes. OX-17 does not cross-react with Rat Ia-A or Mouse Ia-E antigen. The target antigen is expressed on antigen presenting cells, including B cells, macrophages and dendritic cells. RT1-D is a rat MHC class II protein. RT1-D is equivalent to mouse I-E antigen.

**Application Notes:** This antibody binds to rat MHC Class I, and has been used to show that, in an in vivo rat model, antibodies against MHC class I antigens from stored blood may precipitate transfusion-related acute lung injury (Kelher, 2009).

**Antibody First Published in:** Fukumoto et al Mouse monoclonal antibodies against rat major histocompatibility antigens. Two Ia antigens and expression of Ia and class I antigens in rat thymus. Eur J Immunol 12:237-43 19826456222 [PMID:6178598](#)

**Note on publication:** Describes the generation and use of OX-17 to identify and purify novel Ia antigens..

## 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.