



# 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

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## Anti-RT1A [OX-18] Bulk Size Ab00557-1.1-BT

**Isotype and Format:** Mouse IgG1, Kappa

**Clone Number:** OX-18

**Alternative Name(s) of Target:** RT-1A; RT-1A histocompatibility antigen; non-polymorphic determinant of rat MHC class I; MHC class I; OX18; MRC OX18; MRC OX-18

**UniProt Accession Number of Target Protein:** P16391

**Published Application(s):** FACS, inhibition, IP, Block, FC

**Published Species Reactivity:** Rat

**Immunogen:** OX-18 was prepared by immunizing BALB/c mice with rat spleen glycoproteins of the size of Ia antigens which has been depleted of Ia antigens using an OX-6 affinity column.

**Specificity:** OX-48 binds specifically to CD86 targets which are present on subsets of T and B blasts, spleen macrophages and polymorphs, peritoneal macrophages, dendritic cells. OX48 does not appear to bind the same epitope of CD86 as 24F (Stephens et al. 2004) CD86 is expressed at high levels on resting peripheral monocytes and dendritic cells and at very low density on resting B and T lymphocytes - expression is rapidly upregulated by B cell specific stimuli. CD86 acts as a ligand for CD28 and CTLA-4. CD86 works in tandem with CD80 to prime T cells. 2 splice isoforms exist.

**Application Notes:** OX-48 blocks IL-2 production and proliferation of T cells (except when in exponential phase) (Samoza et al. 1990). The antibody can also be used for FC (Stephens et al. 2004), FACS and IPs. Ox-48 has been shown to be able to block binding of CD86 with its ligand CD28.

**Antibody First Published in:** Paterson et al. Antigens of activated rat T lymphocytes including a molecule of 50,000 Mr detected only on CD4 positive T blasts. Mol Immunol 24:1281 1987 [PMID:2828930](#)

**Note on publication:** Describes the use of Ox-48 among other antibodies to identify new markers for activated T-cells, which might have expression related to the active Vs quiescent state or may be involved in specific T-cell functions.

### 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.