



# 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-CD86 [OX-48] Bulk Size Ab00569-8.4-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 IgG1 format, for improved compatibility with existing reagents, assays and techniques.

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

**Clone Number:** OX-48

**Alternative Name(s) of Target:** B72; B-72; OX48; MRC OX-48; MRC OX48

**UniProt Accession Number of Target Protein:** Q62810

**Published Application(s):** FC, IF

**Published Species Reactivity:** Rat

**Immunogen:** OX-48 was prepared by immunizing mice with activated rat T cell blasts

**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:** Hassan et al. CD6 Regulates T-Cell Responses through Activation-Dependent Recruitment of the Positive Regulator SLP-76 MOLECULAR AND CELLULAR BIOLOGY, Sept. 2006, p. 6727-6738 [PMID:16914752](#)

**Note on publication:** Describes the original use of this antibody to detect mouse CD6 as part of an investigation into the role of CD6.

## 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.