



# 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-IL-4 [OX-81] Standard Size Ab00556-8.4

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-81

**Alternative Name(s) of Target:** OX81; MRC OX-81; MRC OX81; interleukin 4; interleukin-4; IL4; B-cell IGG differentiation factor; B-cell growth factor 1; B-cell stimulatory factor 1; BSF-1; BSF1; Lymphocyte stimulatory factor 1

**UniProt Accession Number of Target Protein:** P20096

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

**Published Species Reactivity:** Rat

**Immunogen:** OX-81 was prepared by immunizing BALB/c mice with full-length IL-4.

**Specificity:** OX-81 binds specifically to IL-4. IL-4 is a globular signalling protein which is involved in the stimulation of activated B and T cell proliferation and the differentiation of B cells into plasma cells. IL-4 also regulates B cell class switching to IgE, upregulates MHC class II expression and plays a role in the inflammation response and wound repair.

**Application Notes:** OX-81 can be used to neutralise the effects produced by IL-4 and for FC studies.

**Antibody First Published in:** Mason et al. Prevention of experimental allergic encephalomyelitis in rats by targeting autoantigen to B cells: evidence that the protective mechanism depends on changes in the cytokine response and migratory properties of the autoantigen-specific T cells. J Exp Med. 1995 Aug 1;182(2):335-44. [PMID:7543135](#)

**Note on publication:** Describes the use of OX-81 in identifying the role of IL-4 in preventing EAE (experimental allergic encephalomyelitis) induction by anti-IgD-peptide pretreatment. Pretreatment with OX60-pep prevented the development of EAE it was observed that injection

## 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.